



# CATALOGUE

## 2024-2025

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*innovation in education*



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# Accounting



## Accounting for Management

Cody Phillips

ISBN: 9781835357279

HB

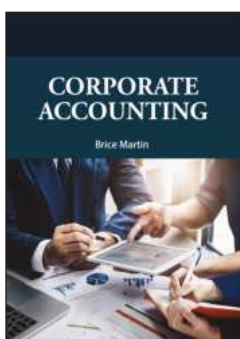
Price: £ 170.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** Management accounting focuses on all accounting aimed at informing management about operational business metrics. It uses information relating to costs of products or services purchased by the company. Budgets are often used to quantify the decisions made in operational planning. Management accountants use performance reports to note variances between actual results from budgets. Management accounting insights on cost and production availability are deciding factors in purchasing choices. Data from managerial accounting empower decision-making at both an operational and strategic level. Managerial accounting, also called management accounting, is a method of accounting that creates statements, reports, and documents that help management in making better decisions related to their business' performance. Managerial accounting is primarily used for internal purposes. In management accounting or managerial accounting, managers use accounting information in decision-making and to assist in the management and performance of their control functions. Financial accounting deals with reporting information that pertains to the financial position, performance, and conduct of a firm for a given period to a set of users and the market in general. Management accounting is more oriented toward internal decision making and purposively channels relevant and timely information to internal managers. Both are production processes of different accounting data for different problem-solving situations. Management Accounting is a comprehensive book with a focus on the essentials, designed to help students understand the basic concepts and practice underlying management accounting in a systematic manner.



## Corporate Accounting

Brice Martin

ISBN: 9781835357200

HB

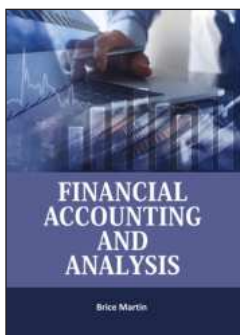
Price: £ 170.00

Size: 7 × 10

Pages: 272

Year: 2025

**About the Book:** The branch of accounting that is in charge of preparing and consolidating the company's general ledgers and financial statements is corporate accounting. Corporate accounting is an activity that deals with analyzing, classifying, collecting, and presenting a company's financial data. It records business transactions systematically, making it convenient for businesses to monitor the day-to-day expenses which include financial accounts, income statements, cash flow statements, etc. The process of company accounting starts with the creation, installation, regulation, and maintenance of a firm's corporate accounting system. In the era of digitization, most firms opt for a software platform to regulate and analyze the overall accounting process. Separate accounts are created to manage different business particularities like income, assets, liabilities, equity, etc. The financial scandals that emerged in the early 2000s were due to poor accounts management and a lack of corporate accounting. The industry's ten names fell to bankruptcy due to huge accounting loopholes. This highlights the importance of corporate accountants for a company. Corporate Accounting sets a new standard for the textbooks with rich pedagogy and an easy-to-understand approach that aims at equipping students with a solid grounding in the concepts in corporate accounting.



## Financial Accounting and Analysis

Brice Martin

ISBN: 9781835357217

HB

Price: £ 150.00

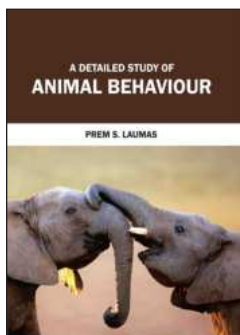
Size: 7 × 10

Pages: 278

Year: 2025

**About the Book:** Financial accounting is a branch of accounting concerned with the summary, analysis and reporting of financial transactions related to a business. This involves the preparation of financial statements available for public use. Stockholders, suppliers, banks, employees, government agencies, business owners, and other stakeholders are examples of people interested in receiving such information for decision making purposes. Financial accounting is a specific branch of accounting involving a process of recording, summarizing, and reporting the myriad of transactions resulting from business operations over a period of time. These transactions are summarized in the preparation of financial statements, including the balance sheet, income statement and cash flow statement, that record the company's operating performance over a specified period. Financial reporting occurs through the use of financial statements such as the balance sheet, income statement, statement of cash flow, and statement of changes in shareholder equity. Financial accounting differs from managerial (or cost) accounting as financial reporting is more for reporting to external parties while cost accounting is more for strategic planning internally. Financial accounting may be performed under the accrual method (recording expenses for items that have not yet been paid) or under the cash method (only cash transactions are recorded). Financial analysis is used to evaluate economic trends, set financial policy, build long-term plans for business activity, and identify projects or companies for investment. This is done through the synthesis of financial numbers and data. A financial analyst will thoroughly examine a company's financial statements—the income statement, balance sheet, and cash flow statement. Financial analysis can be conducted in both corporate finance and investment finance settings. Designed for students taking a step beyond their introductory financial accounting training, the book equips them with all the key tools they will require when they enter professional practice.





## A Detailed Study of Animal Behaviour

Prem S. Laumas

ISBN: 9781835352618

HB

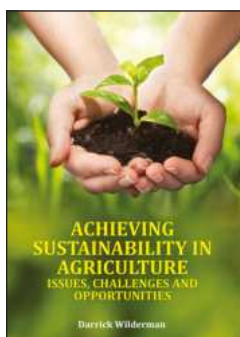
Price: £ 155.00

Size: 7 × 10

Pages: 344

Year: 2025

**About the Book:** Animal Behaviour explores the mental experiences of animals, particularly as they behave in their natural environment during the course of their normal lives, and it provides us with a wonderful way to understand the individuality of each type of animal in terms of emotional cues and hints of what one animal wants to take or deny through behavioural patterns. As a result, the book is replete with examples of animal psychology. Anyone who reads the book may discover some beautiful examples of animal behaviour. It is a legitimate research to learn more about animals in general. Animal Behaviour explores the mental experiences of animals, particularly as they behave in their natural environment during the course of their normal lives, and it provides us with a wonderful way to understand the individuality of each type of animal in terms of emotional cues and hints of what one animal wants to take or deny through behavioural patterns. As a result, the book is replete with examples of animal psychology. Anyone who reads the book may discover some beautiful examples of animal behaviour. It is a legitimate research to learn more about animals in general.



## Achieving Sustainability in Agriculture: Issues, Challenges and Opportunities

Darrick Wilderman

ISBN: 9781835357286

HB

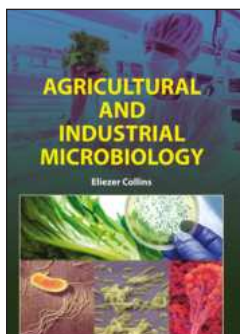
Price: £ 165.00

Size: 7 × 10

Pages: 266

Year: 2025

**About the Book:** Sustainable agriculture requires a system of global governance that promotes food security concerns in trade regimes and trade policies, and revisits agricultural policies to promote local and regional agricultural markets. Sustainable agricultural practices must make full use of technology, research and development, though with much greater integration of local knowledge than in the past. This will require new and more robust partnerships between technical and investment oriented organizations. The challenges relating to stocks and utilization rates of natural resources often transcend national boundaries. International governance mechanisms and processes must support sustainable growth (and the equitable sharing of benefits) in all agriculture sectors, protecting natural resources and discouraging collateral damage. As with 'sustainable development' there is no precise, universally accepted definition of 'food security'. In broad principle a state of food security exists where all individuals, families and communities enjoy consistent access to foods that in quantity, quality and biochemical composition provide hygienic, nutritional adequacy. The Brundtland Panel states: "Food security requires secure ownership of, or access to, food resources and income earning activities, including reserves and assets to offset risks, to ease shocks and meet all contingencies". This may be interpreted as all people having access to stocks and flows of food and cash sufficient to satisfy their basic nutritional needs. Everyone in the world need not be a subsistence farmer, but those who do not produce foods in quantities sufficient to satisfy their families' needs, must possess the means to acquire foods nutritionally adequate, readily accessible and affordable. Sustainable agriculture is a prime need for developing India for the sustained development. The existing condition of agriculture and trend of various indicator shows future of agriculture which has become very serious.



## Agricultural and Industrial Microbiology

Eliezer Collins

ISBN: 9781835357323

HB

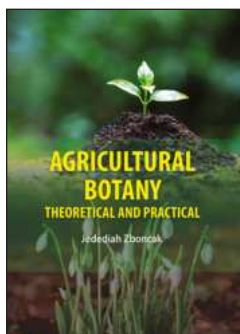
Price: £ 155.00

Size: 7 × 10

Pages: 270

Year: 2025

**About the Book:** Agricultural microbiology is a branch of microbiology dealing with plant-associated microbes and plant and animal diseases. It also deals with the microbiology of soil fertility, such as microbial degradation of organic matter and soil nutrient transformations. Microbiology in general, has very diverse utility in agriculture, horticulture, animal sciences, fisheries and forestry and hence studied as a different branch termed as agriculture microbiology. A big number of harmful microorganisms called pathogens are responsible for majority of plant diseases. Large numbers of these microbial pathogens are routinely found in the soil, air and water and can infect the plant through the roots and leaves. Getting inside into the causes, mode of dissemination, prevalence and control of diseases requires basic understanding of microbiology under sub-discipline called plant pathology or phytopathology. Industrial microbiology is a branch of biotechnology that applies microbial sciences to create industrial products in mass quantities, often using microbial cell factories. There are multiple ways to manipulate a microorganism in order to increase maximum product yields. Introduction of mutations into an organism may be accomplished by introducing them to mutagens. Another way to increase production is by gene amplification, this is done by the use of plasmids, and vectors. The plasmids and/ or vectors are used to incorporate multiple copies of a specific gene that would allow more enzymes to be produced that eventually cause more product yield. The content of the book is an exhaustive reference resource for soil microbiologist, agricultural scientists, academia, policymakers, industrial microbiologists pursuing teaching and research in these domains.



## Agricultural Botany: Theoretical and Practical

Jedediah Zboncak

ISBN: 9781835357460

HB

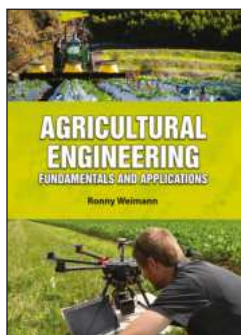
Price: £ 165.00

Size: 7 × 10

Pages: 308

Year: 2025

**About the Book:** Botany is the branch of biology that deals with the study of plants. It is one of the oldest branches of biology. There are several different branches of botany, including ethnobotany. Agriculture is the practice of raising food for consumption, with most farming in developed countries done by large multinational corporations. The history of agriculture is as old as the history of human civilization. It wasn't until humans learned to plant crops that we were able to move from being hunter/gatherers to forming permanent villages. One of the oldest crops produced is wheat, with early varieties providing the seeds that we needed to make flour and then turn that into bread. Botanists also study how plants produce food we can eat and how to increase yields and therefore their work is important in mankind's ability to feed the world and provide food security for future generations, for example through plant breeding. Botanists also study weeds, plants which are considered to be a nuisance in a particular location. Weeds are a considerable problem in agriculture, and botany provides some of the basic science used to understand how to minimize 'weed' impact in agriculture and native ecosystems. Ethnobotany is the study of the relationships between plants and people. Leaves today are, in almost all instances, an adaptation to increase the amount of sunlight that can be captured for photosynthesis. Leaves certainly evolved more than once, and probably originated as spiny outgrowths to protect early plants from herbivory. The book has been written in simple English & short format. This will be useful for student can easily understand the subject in both undergraduate and post graduate level.



## Agricultural Engineering: Fundamentals and Applications

Ronny Weimann

ISBN: 9781835357675

HB

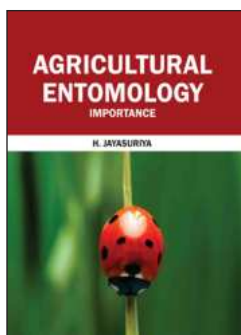
Price: £ 155.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** Agricultural engineering, also known as agricultural and biosystems engineering, is the field of study and application of engineering science and designs principles for agriculture purposes, combining the various disciplines of mechanical, civil, electrical, food science, environmental, software, and chemical engineering to improve the efficiency of farms and agribusiness enterprises as well as to ensure sustainability of natural and renewable resources. Agricultural engineers integrate technology with farming. For example, they design new and improved farming equipment that may work more efficiently, or perform new tasks. They design and build agricultural infrastructure such as dams, water reservoirs, warehouses, and other structures. They may also help engineer solutions for pollution control at large farms. Some agricultural engineers are developing new forms of biofuels from non-food resources like algae and agricultural waste. Such fuels could economically and sustainably replace gasoline without jeopardizing the food supply. Agricultural engineers work both indoors and outdoors. They spend time in offices creating plans and managing projects, and in agricultural settings inspecting sites, monitoring equipment, and overseeing reclamation and water management projects. These positions may involve a significant amount of travel. These engineers may also work in laboratories and classrooms. They may collaborate with others to plan and solve problems. For example, they may work with horticulturalists, agronomists, animal scientists, and geneticists. This book has been designed as an introductory text which undertakes a through exploration the concepts and practices which define agricultural engineering.



## Agricultural Entomology: Importance

H. Jayasuriya

ISBN: 9781835351246

HB

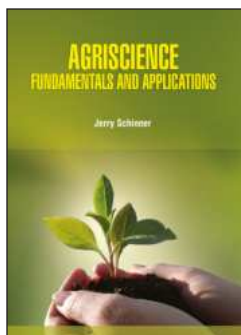
Price: £ 150.00

Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** The study of insects and their interactions with other living things, people, and the environment is known as entomology. The study of insects forms the foundation for advancements in a wide range of scientific domains, including biological and chemical pest management, food and fibre production and storage, pharmaceutical epidemiology, biological diversity, and many more. This book provides a thorough explanation of both fundamental and applied entomology. The book offers a summary of many entomology-related topics in an opinionated manner. The book is structured to introduce pupils to all significant entomology tests. In order to better prepare their pupils for the future and keep them informed of entomological advancements, instructors can also benefit from this. Students pursuing a B.Sc., M.Sc., or diploma in biological sciences, agricultural science, or horticulture will find this remarkable book to be very helpful. Additionally, postgraduate and postdoctoral researchers engaged in applied entomology and crop protection will find it useful. Professional entomologists and crop protection experts employed at research facilities and the agrochemical sector, as well as libraries in locations where any of the aforementioned are based, should all have copies of this book on hand.



## Agriscience: Fundamentals and Applications

Jerry Schinner

ISBN: 9781835357484

HB

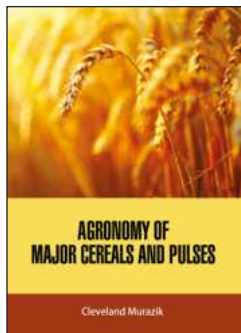
Price: £ 160.00

Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** Agricultural sciences, sciences dealing with food and fibre production and processing. They include the technologies of soil cultivation, crop cultivation and harvesting, animal production, and the processing of plant and animal products for human consumption and use. Agricultural production presents many engineering problems and opportunities. Agricultural operations—soil conservation and preparation; crop cultivation and harvesting; animal production; and commodities transportation, processing, packaging, and storage—are precision operations involving large tonnages, heavy power, and critical factors of time and place. Facilities designed to aid farm operations help farm workers to minimize the time and energy requirements of routine jobs. In recent years, the application of mechanization in agricultural production has contributed to solving the hard labour stage, ensuring seasonality, increasing labour productivity and reducing post-harvest losses. The application of high technology in agriculture is also increasingly being replicated such as greenhouse and net house systems combined with the application of digital technology for automatic or semi-automatic control; the application of BigData, IoT, AI in managing crops and livestock, economical irrigation technology including drip irrigation, semi-automatic or automatic misting irrigation according to time or measured humidity and temperature; the application of non-soil farming techniques: hydroponics, growing plants on substrates. The text provides a broad-spectrum overview of the agricultural industry and the industry-based sciences, including basic principles of science as they apply to plants, animals, soils and foods.



## Agronomy of Major Cereals and Pulses

Cleveland Murazik

ISBN: 9781835357262

HB

Price: £ 160.00

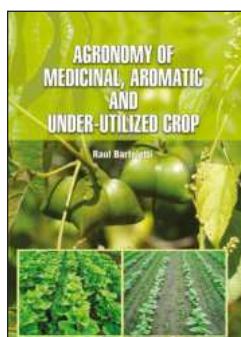
Size: 7 × 10

Pages: 316

Year: 2025

**About the Book:** Agronomy is the field of study and practice of ways and means of production of food, feed and fibre crops. Thus, agronomy as a branch of agricultural sciences deals with principles and practices of field management for the production of field crops. A cereal is generally defined as a cultivated grass grown for their edible starchy grains. Bulk of staple food crops all over the world comes from this group. Pulses are grain legumes used as food. On splitting they produce dal which is rich in protein. They are regarded as building blocks of living organisms for high protein content. These crops have the unique built in ability of fixing atmospheric nitrogen in their root system. Agronomy is the science and technology of using plants for food, fuel, feed, fibre, and reclamation. Agronomy encompasses work in the areas of plant genetics, plant physiology, meteorology, and soil science. Agronomy is the application of a combination of sciences like biology, chemistry, ecology, earth science, and genetics. Agronomists today are involved with many issues including producing food, creating healthier food, managing environmental impact of agriculture, and creating energy from plants. Agronomists often specialize in areas such as crop rotation, irrigation and drainage, plant breeding, plant physiology, soil classification, soil fertility, weed control, insect and pest control. Pulses are the edible seeds of plants in the legume family. Pulses grow in pods and come in a variety of shapes, sizes and colors. Pulses are annual crops that yield between one and 12 grains or seeds. The term "pulses" is limited to crops harvested solely as dry grains, which differentiates them from other vegetable crops that are harvested while still green. Pulse crops are one of the most sustainable crops a farmer can grow. It takes just 43 gallons of water to produce one pound of pulses, compared with 216 for soybeans and 368 for peanuts. They also contribute to soil quality by fixing nitrogen in the soil. This book will be of immense use in imparting knowledge on the basic principles of agronomy and applied aspects of farming systems for students, teachers, scientists, extension workers and professionals engaged in agricultural development.





## Agronomy of Medicinal, Aromatic and Under-Utilized Crop

Raul Bartoletti

ISBN: 9781835357620

HB

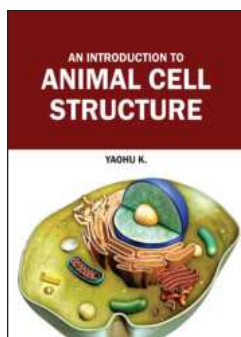
Price: £ 170.00

Size: 7 × 10

Pages: 282

Year: 2025

**About the Book:** Agronomy is a discipline that is not widely understood to those outside of the agricultural sciences. Agronomy rarely appears in library and information science publications, and when it does, is part of the larger field of agriculture. Agronomy is the science and technology of using plants for food, fuel, feed, fibre, and reclamation. Agronomy encompasses work in the areas of plant genetics, plant physiology, meteorology, and soil science. Agronomy is the application of a combination of sciences like biology, chemistry, ecology, earth science, and genetics. Agronomists today are involved with many issues including producing food, creating healthier food, managing environmental impact of agriculture, and creating energy from plants. Agronomists often specialize in areas such as crop rotation, irrigation and drainage, plant breeding, plant physiology, soil classification, soil fertility, weed control, insect and pest control. Plants have been one of the important sources of medicines even since the dawn of human civilization. In spite of tremendous developments in the field of allopathy during the 20th century, plants still remain one of the major sources of drugs in modern as well as traditional system of medicine throughout the world. Approximately one-third of all pharmaceuticals are of plant origin, wherein fungi and bacteria are also included. Over 60% of all pharmaceuticals are plant-based. This area of agronomy involves selective breeding of plants to produce the best crops under various conditions. Plant breeding has increased crop yields and has improved the nutritional value of numerous crops, including corn, soybeans, and wheat. It also has led to the development of new types of plants. For example, a hybrid grain called triticale was produced by crossbreeding rye and wheat. Triticale contains more usable protein than does either rye or wheat. Agronomy has also been instrumental in fruit and vegetable production research. This book contains the fundamental and basic information of subject and the selection of contents makes it an appropriate book for the students.



## An Introduction to Animal Cell Structure

Yaohu K.

ISBN: 9781835353424

HB

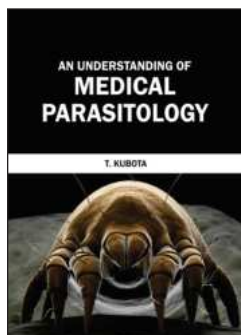
Price: £ 160.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** Cell culture is the process of removing cells from an animal or plant and allowing them to develop again in an ideal artificial environment. The cells may come from a cell line or strain that has previously been established, or they may be directly taken from the tissue and disaggregated before cultivation using mechanical or enzymatic methods. Stem cells are still capable of self-renewing as well as to give birth to progeny that have a limited mitotic potential and a limited spectrum of unique types of differentiated cells. The classic illustration of the notion of stem cells is the process of making blood cells, also known as hemopoiesis. An essential component of biotechnology is animal cell and tissue culture, and this book covers all aspects of animal cell culture. In this book, there are eleven chapters on historical advances, lab design, sterilisation techniques, and different aspects of animal cell culture. This covers characterizations, storage, and preservation technologies for cell banking, cell transport, and cell monitoring.



## An Understanding of Medical Parasitology

T. Kubota

ISBN: 9781835353127

HB

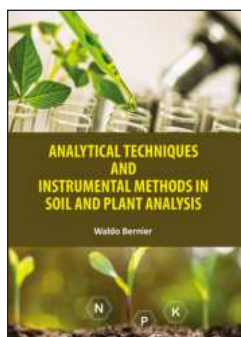
Price: £ 160.00

Size: 7 × 10

Pages: 320

Year: 2025

**About the Book:** Medical parasitology is primarily envisioned as a represented course reading that provides an overview of the most important parasite types that affect humans, as well as information on their distribution zones, morphologies, and rates of development, as well as the common health effects brought on by contamination. It also examines disease transmission and offers methods for locating and diagnosing symptoms, among other things. The focus is primarily on the protozoa and fungi in these diseases; medical entomology has just been discussed in relation to the investigation of disease transmission of the illnesses shown here. This may occasionally be connected to a digenesis, when the larval development takes place in one medium-sized host or in two different middle-sized hosts and the sexually develop arrangement develops in a different host, the purported final host. The value of the middle-of-the-road hosts can vary greatly. Therefore, it is crucial that medical professionals, microbiologists, and researchers are aware of the discovery of these parasite diseases.



## Analytical Techniques and Instrumental Methods in Soil and Plant Analysis

Waldo bernier

ISBN: 9781835359945

HB

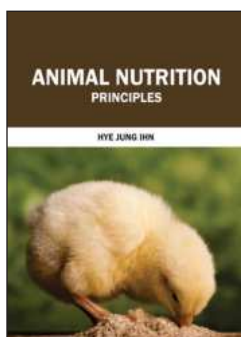
Price: £ 150.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** Soil sampling and testing are done to provide an estimate of the capacity of the soil to supply adequate amount of nutrients to meet the needs of growing crops and information to its nature and problem. Soil forms from a complex interaction between earth materials, climate, and organisms acting over time. The brightly colored soils of the humid tropics reflect the intense chemical reactions occurring in warm climates. The fertile prairie soils of the American Midwest evolved from the nutrient-rich organic matter left by decaying grasses. Regardless of soil characteristics, the whole process starts with the breakdown of earth material. Soil sampling and testing can give an excellent inventory of plant available nutrients and other soil chemical factors important for crop production. This inventory is a basis for recommending additional nutrients for crop production on an individual field basis. Plant tissue analysis measures nutrient levels in the plant during their growth. The supply of available nutrients is reflected in the nutrient content of the crop. Therefore use of plant tissue analysis allows a producer to evaluate the effectiveness of fertilizer recommendations from a soil testing service. Producers who do not soil test can still use routine plant tissue analysis to evaluate their fertilizer management program to determine whether they used the correct kinds and amounts of nutrient. This book contains the details of exercises about analytical determination of physical, physico-chemical and chemical characteristics of soils. In addition, the glassware, stepwise procedures, observations to be recorded and calculation are given for evaluation of results.



## Animal Nutrition: Principles

Hye Jung Ihn

ISBN: 9781835351352

HB

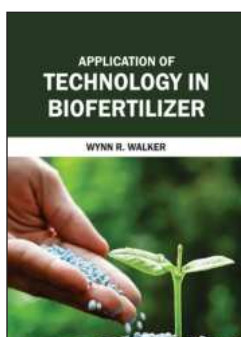
Price: £ 150.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** The classification and function of nutrients, signs of nutritional deficiencies, the functioning of the digestive system, the characteristics of feeds, and the development of diets for domestic animals are all covered in Principles of Animal Nutrition. Animal nutrition is the study of the characteristics and makeup of the food consumed by an animal, as well as how that food is broken down in the body cells of monogastric animals (such as pigs, broilers, and layers), ruminants (such as sheep, cattle, and goats), and lower digestive tract fermenters (such as horses and ostriches). The nutritional needs of diverse types of animals for varied production tasks are also covered. Numerous factors contribute to the importance of nutrition. Animals require the right nutrition for development and maintenance as well as to supply energy for activity and other bodily processes. Without the right diet, animals may experience health issues that require expensive care or even result in death. The effective operation and coordination of an animal's systems depends on sufficient nourishment. This book is appropriate for both scholars and students because it includes the essential and background information on the subject matter.



## Application of Technology in Biofertilizer

Wynn R. Walker

ISBN: 9781835353370

HB

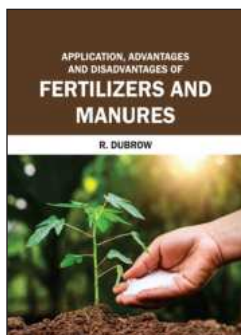
Price: £ 160.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** Given the well-known negative externalities of chemical fertilisers, biofertilizers are viewed as a significant alternative technique. A material called biofertilizer contains living microorganisms that, when added to soil, seeds, or plant surfaces, colonise the rhizosphere or inside of the plant and encourage development by boosting the supply or availability of primary nutrients to the host plant. Through the natural processes of nitrogen fixation, phosphorus solubilization, and plant growth-stimulating chemical synthesis, biofertilizers add nutrients to the soil. We can anticipate that using biofertilizers will cut down on the use of chemical pesticides and fertilisers. This book covers all the main varieties of bacterial fertilisers and presents the enormous potential of biofertilizers as an additional source of nutrients for crops. The significance of nitrogen fixation and the main applications of fertilisers in agriculture are discussed. Crop response to biofertilizers, nitrogen fixation, microorganisms that solubilize phosphate, application and assessment procedures, biogas production, production, quality control, and future research planning of biofertilizers are the main topics of this book. Consultants, researchers, libraries, business owners, producers of biofertilizers, and anybody else interested in entering this industry would find this book to be of great help and interest.



## Application, Advantages and Disadvantages of Fertilizers and Manures

R. Dubrow

ISBN: 9781835352632

HB

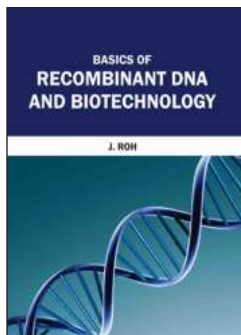
Price: £ 165.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** Despite the significant progress made in improving soils' ability to produce crops through the application of manures and fertilisers, there are still many uneducated peasants in many Asian countries who have been growing crops without applying enough manures and fertilisers to their crop fields, resulting in noticeably lower yields. As a result, understanding farmyard manure, compost, fertilisers, and other agricultural byproducts, as well as how to use them, is essential. The current book is an honest attempt to spread knowledge about manures and fertilisers. It is primarily intended as a reference work, and it covers a wide range of topics, including different manures, their preparation, and the effects they have, as well as the manufacture and consumption of different fertilisers and the full explanation of their qualities, uses, benefits, and drawbacks. In-depth explanations of the separate and combined applications of manures and fertilisers have been provided with reference to numerous different types of specific crops. The book is approachable even for average readers because of its reader-friendly approach to the subject, easy language, and lucid style. While it ideally meets the academic needs of undergraduate and graduate agriculture science students, it also serves as a significant long-term resource for researchers, teachers, farmers, and geologists.



## Basics of Recombinant DNA and Biotechnology

J. Roh

ISBN: 9781835351505

HB

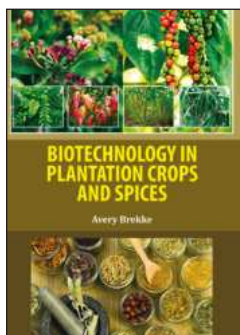
Price: £ 150.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** Recombinant DNA and Biotechnology is designed to captivate a global viewing audience and will enable all instructors to teach understudies a reasonable amount of atomic science and hereditary engineering. In essence, it involves inserting a particular piece of foreign DNA into a cell using an appropriate vector in a way that the inserted DNA multiplies on its own and is passed on to progenies as a result of cell division. After being identified and verified, the DNA-containing transformed cells can be employed industrially to create valuable substances like insulin, interferon, growth hormones, etc. Recombinant DNA and Biotechnology: A Guide for All will enable readers to learn about important societal issues and concerns in an orderly manner while also providing a course on the fundamental principles of today's sub-atomic science insurgency.



## Biotechnology in Plantation Crops and Spices

Avery Brekke

ISBN: 9781835357149

HB

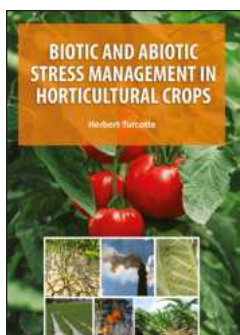
Price: £ 165.00

Size: 7 × 10

Pages: 280

Year: 2025

**About the Book:** Crop improvement in majority of spice crops is a difficult and time consuming programme due to long prebearing age. The productivity of many spice crops is considerably low due to various factors such as inadequate availability of high yielding varieties, absence of genotypes resistant to pest and diseases and absence of variability in many of the introduced crops. Biotechnology with its apparently unlimited potential offers new and exciting opportunities to solve the crop specific problems. Crop alteration has been practiced by humankind for thousands of years, since the beginning of civilization. Altering crops through breeding practices changes the genetic make-up of a plant to develop crops with more beneficial characteristics for humans, for example, larger fruits or seeds, drought-tolerance, or resistance to pests. Significant advances in plant breeding ensued after the work of geneticist Gregor Mendel. His work on dominant and recessive alleles gave plant breeders a better understanding of genetics and brought great insights to the techniques utilized by plant breeders. Spices and condiments relate to the natural, aromatic plant components or mixture thereof, used for flavouring, seasoning and imparting aroma or flavour to food. The term applies equally to spices in the whole, broken or ground form. Spices have played a significant role in the history of civilization. Crop improvement in spices is difficult and time consuming due to their long pre-bearing age and other crop specific problems. Biotechnology offers novel avenues for crop improvement of spices.



## Biotic and Abiotic Stress Management in Horticultural Crops

Herbert Turcotte

ISBN: 9781835357439

HB

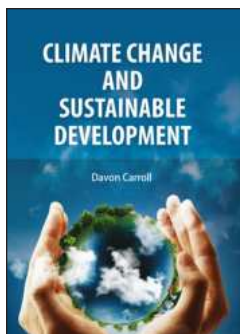
Price: £ 155.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** Stress in biology is any change in environmental conditions that might reduce or adversely change a plant's growth or development. The negative impact of environmental factors on plant growth and yield. Any adverse factor acting on physiological processes/ biochemical activity of the plants is called as abiotic stress. Stress in plants refers to external conditions that adversely affect growth, development or productivity of plants. Stresses trigger a wide range of plant responses like altered gene expression, cellular metabolism, changes in growth rates, crop yields, etc. A plant stress usually reflects some sudden changes in environmental condition. However in stress tolerant plant species, exposure to a particular stress leads to acclimation to that specific stress in a time time-dependent manner. Plant stress can be divided into two primary categories namely abiotic stress and biotic stress. Abiotic stress imposed on plants by environment may be either physical or chemical, while as biotic stress exposed to the crop plants is a biological unit like diseases, insects, etc. Some stresses to the plants injured them as such that plants exhibit several metabolic dysfunctions. Biotic stress in plants is caused by living organisms, specially viruses, bacteria, fungi, nematodes, insects, arachnids and weeds. The agents causing biotic stress directly deprive their host of its nutrients can lead to death of plants. Biotic stress can become major because of pre- and postharvest losses. Despite lacking the adaptive immune system plants can counteract biotic stresses by evolving themselves to certain sophisticated strategies. Wind stress is visual stress incurred by wind causes damage to seedlings, breaking branches and even uprooting the whole plants. It helps to covert ground fires to crown fires.



## Climate Change and Sustainable Development

Davon Carroll

ISBN: 9781835357309

HB

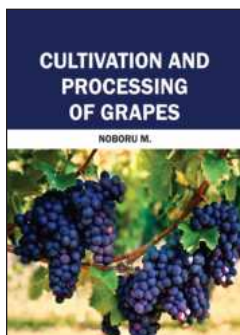
Price: £ 160.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** Climate change is the most significant challenge to achieving sustainable development, and it threatens to drag millions of people into grinding poverty. At the same time, we have never had better know-how and solutions available to avert the crisis and create opportunities for a better life for people all over the world. Climate change is not just a long-term issue. It is happening today, and it entails uncertainties for policy makers trying to shape the future. Climate change affects agriculture and food production in complex ways. It affects food production directly through changes in agro-ecological conditions and indirectly by affecting growth and distribution of incomes, and thus demand for agricultural produce. Impacts have been quantified in numerous studies and under various sets of assumptions. A selection of these results is presented in Quantifying the Impacts on Food Security. Here it is useful to summarize the main alterations in the agro-ecological environment that are associated with climate change. Climate models for the substantiation of theories regarding global warming rely heavily on the measurement of long-term changes in global average sea level. Global sea level change for much of the last century has generally been estimated using tide gauge measurements collated over long periods of time to give a long-term average. Sustainable development is widely advocated as the way to deal with the issues that fill the pages of this publication. The concept is, however, hard to apply in practice, and easy to manipulate. These days many promote 'sustainability', including some who are only interested in sustaining that which benefits them directly. But to make the world a better place for all, current practices must change. The term 'sustainable development' implies that some forms of development cannot be sustained (continued indefinitely). The book provides a clear and concise account of global climate change at a level suitable for the readers.



## Cultivation and Processing of Grapes

Noboru M.

ISBN: 9781835352441

HB

Price: £ 165.00

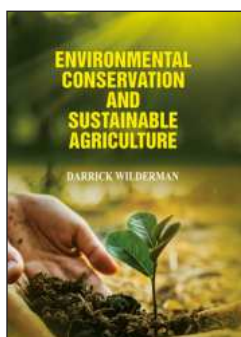
Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** One of the most significant fruit harvests in the world, grapes also contain several of the most precious nutrients required for life. Grapes can be grown in a variety of agro-ecological settings and climatic conditions, including temperate, subtropical, and tropical ones. The crop's potential benefits to the inhabitants of the region in terms of food, nutrition, medicine, and economics could be substantial. The Consultation thereupon advised that every effort be made to maximise the crop's agricultural potential. Both temperate and tropical climates are suitable for growing grapes. Vine species remain evergreen in tropical climates. When the grapes are maturing, when there is no or little rain, the grapes thrive. For the development of grapes of excellent quality, dry weather is typically preferable throughout flowering and ripening. About 71% of the grapes grown in the globe are used to make wine, 27% as fresh fruit, and 2% as dried fruit. Despite advances in winemaking, 90% of the grapes are still used for table use in India. Most of the remaining grape is used to make raisins. This book provides a glossary of terminology used in grape cultivation, science, and other related fields. This book makes an effort to cover terminology from every element of grapes. As a result, the book is a motivating and practical resource for viticulture scientists, manufacturers, businessmen, students, and teachers.





## Environmental Conservation and Sustainable Agriculture

**Darrick Wilderman**

ISBN: 9781835357293

HB

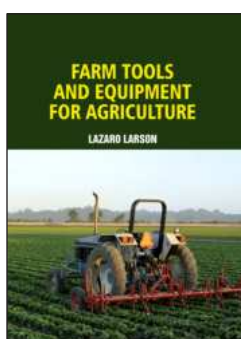
Price: £ 170.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** Practitioners of sustainable agriculture seek to integrate three main objectives into their work: a healthy environment, economic profitability, and social and economic equity. Every person involved in the food system—growers, food processors, distributors, retailers, consumers, and waste managers—can play a role in ensuring a sustainable agricultural system. Although these developments have had many positive effects and reduced many risks in farming, they also have significant costs. Prominent among these are topsoil depletion, groundwater contamination, air pollution, greenhouse gas emissions, the decline of family farms, neglect of the living and working conditions of farm laborers, new threats to human health and safety due to the spread of new pathogens, economic concentration in food and agricultural industries, and disintegration of rural communities. The concept of agricultural sustainability does not lend itself to precise definition, partly because it implies a way of thinking as well as of using farming practices, and because the latter cannot be specified as final answers. Consequently, people's beliefs and values will continue to mold public understanding of the concept. Environmental conservation is a practice that paves the way for protecting the environment and natural resources on the individual, organisational as well as governmental levels. A key challenge for the agriculture sector is to feed an increasing global population, while at the same time reducing the environmental impact and preserving natural resources for future generations. It is expected that the book would serve the interests of the students as a source of information for understanding and appreciating the finer aspects of Ecology, Environmental Development and Conservation in Agriculture.



## Farm Tools and Equipment for Agriculture

**Lazaro Larson**

ISBN: 9781835357545

HB

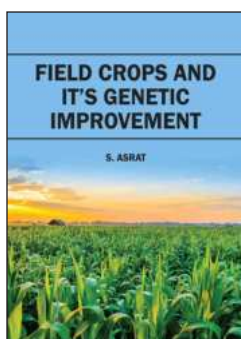
Price: £ 150.00

Size: 7 × 10

Pages: 298

Year: 2025

**About the Book:** Agricultural machinery and tools have been used for reducing manual labour and in return bring out the best efficiency in work and great productivity which couldn't be anyway achieved by limited manpower. Amusingly these implements can be used interchangeably and are also priced at economic prices. These farming tools in India are affordable and within the budget of the farmers, so buying them is not a big deal. These agricultural tools are used for weed elimination, fertilizers, general tillage, fumigation and elimination. The application of Information and Communication Technology (ICT) in agriculture is increasingly important. E-Agriculture is an emerging field focusing on the enhancement of agricultural and rural development through improved information and communication processes. More specifically, e-Agriculture involves the conceptualization, design, development, evaluation and application of innovative ways to use information and communication technologies (ICT) in the rural domain, with a primary focus on agriculture. The main concept of farm mechanization is to apply the principles of engineering and technology to do the agricultural operations in a better way to increase crop yield. This includes the development, application and management of all mechanical aids for field operation, water control, material handling, storage and processing. Mechanical aids include hand tools, animal drawn implements, power tillers, tractors, engines, electric motors, grain processing and hauling equipments. This book will be of practical use for equipment dealers and manufacturers, farm lenders and managers, landowners and farmers, as well as farm operators. Additionally, the management principles and the machinery operating details are useful to students preparing for careers in agricultural education, agricultural mechanisation, agricultural business, or agricultural engineering.



## Field Crops and It's Genetic Improvement

**S. Asrat**

ISBN: 9781835352793

HB

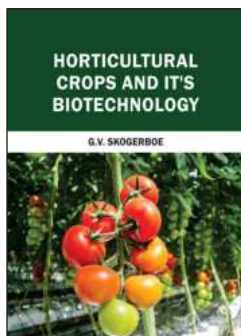
Price: £ 165.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** The book examines the physiological and genetic underpinnings of previous and projected future gains in crop yields while outlining effective breeding approaches to boost the yields of the major crops used around the world. Genetic Improvement of Field Crops, which covers crops with vastly different morphologies, photosynthetic rates, and nitrogen metabolisms, looks into the adjustments breeders have made to the physiological characteristics influencing wheat grain production and nitrogen content over the past century; outlines the oat crop traits that have previously undergone modification or that could undergo additional modification through breeding to boost yield potential; identifies a number of genetic components in barley that are responsible for both yield potential and stress tolerance. Genetic Improvement of Field Crops is intended for plant physiologists and breeders, crop and agricultural scientists, agronomists, biochemists, geneticists, biotechnologists, microbiologists, and upper-level undergraduate and graduate students in these disciplines. It provides literature citations that enable further in-depth study of specific topics.



## Horticultural Crops and It's Biotechnology

**G.V. Skogerboe**

ISBN: 9781835351185

HB

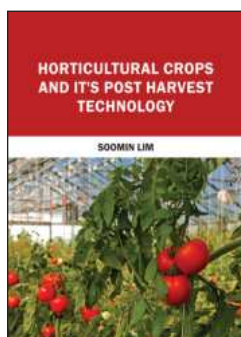
Price: £ 170.00

Size: 7 × 10

Pages: 352

Year: 2025

**About the Book:** Horticultural crops are high-value products with several opportunities for value addition, guaranteeing growers the highest possible profits. A problem for the horticulture is overall quality control because market-driven agriculture demands quality at every level of production. The current volume on "Biotechnology of Horticultural Crops" offers scientific crop management of horticultural crops beginning with soil selection and activities connected to production and handling of fresh produce in the field. Included are the scope of value addition, organic farming, protected cultivation, export potential, and a production economics analysis. India's average per-person availability of fruits and vegetables is insufficient to provide the population with a diet that is both nourishing and protective. Horticulture in India is now a sustainable and profitable endeavour for the small and marginal farmers as a result of the synergy of concentrated research, technological and regulatory initiatives, and high efficiency inputs. Additionally, the industry has begun to draw business people who want to develop horticultural businesses. As a result, there is a lot of room for the horticulture business to expand and prosper. This book will prove invaluable to them.



## Horticultural Crops and It's Post Harvest Technology

Soomin Lim

ISBN: 9781835353028

HB

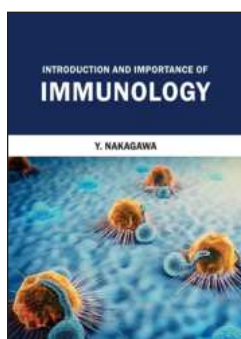
Price: £ 160.00

Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** The book post-harvest technology has received a lot of attention in recent years since it is crucial to keep agricultural production going that agricultural produce is preserved. It incorporates delivery estimation, allowing for a remarkable range of job ages at the catchments for creation. The authors of this book made an effort to establish unique methods for processing soil products after harvest, with a focus on recent developments. Both practising food technologists and post harvest technologists who are looking for solutions to fundamental, specialised questions about post harvest technology can benefit from this book. Additionally, it will be helpful to those working in related fields as well as agricultural professionals, food processors, researchers, analysts, and active ranchers. It is intended to close a gap in immediately accessible post harvesting writing. The majority of fresh produce is extremely perishable, and postharvest losses are significant under many countries' current administrative methods. However, during the past few years, significant progress has been made in reducing postharvest losses in fresh produce and ensuring the safety and welfare of the food supply.



## Introduction and Importance of Immunology

Y. Nakagawa

ISBN: 9781835353394

HB

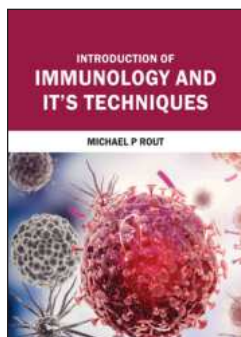
Price: £ 170.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** This book describes the components of the flexible immune response, the components of the versatile protective recognition, lymphocytes, humoral resistance, the genetic components of the versatile immune variety, safe resilience, and failures of the safeguard capacity. In Essentials of Immunology, the microbial world and the defence mechanisms the body employs are presented. The reader is then taken through a new area of the immune system in each chapter, with an explanation of each cell's or molecule's function both individually and then collectively. The book Applied Immunology discusses what occurs when things go wrong, the role the immune system plays in preventing the negative effects of illness, such as disease, immunodeficiency, hypersensitivities, and transplantation, as well as the positive effects of vaccinations. The reader is given everything needed to prepare for a master capacity in immunology by carefully examining the fundamental immunological standards and rational foundation of research facility procedures with an emphasis on the biomedical researcher's role in the representative lab.



## Introduction of Immunology and It's Techniques

Michael P Rout

ISBN: 9781835352304

HB

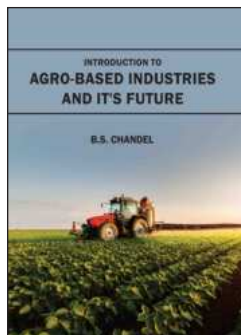
Price: £ 170.00

Size: 7 × 10

Pages: 338

Year: 2025

**About the Book:** The primary audience for the book Immunology is undergraduate students studying biotechnology, biochemistry, and medicine. The book offers comprehensive coverage of the essential ideas of immunology, properly supported by a wealth of examples and demonstrations. The use of immunological techniques has grown in importance as a tool for purifying, locating, and measuring proteins in cells. These techniques rely on antibodies' high protein specificity for their intended targets. A specific protein can be marked with labelled antibodies so that it can be isolated, measured, or shown. Using immunological reagents as experimental tools as well as experimental approaches to research the immune system are both included in immunological techniques. The most popular immunological techniques focus on the creation and application of antibodies to detect specific proteins in biological samples. The book is intended to serve as a text that introduces fundamental concepts in immunology in an engaging manner. An understanding of immunology's concepts and applications has been emphasised.



## Introduction to Agro-Based Industries and It's Future

B.S. Chandel

ISBN: 9781835350317

HB

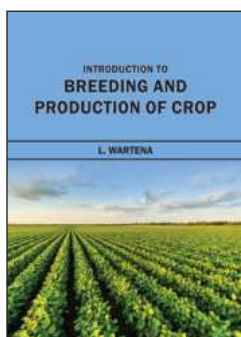
Price: £ 165.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** The term "agro-based industry" or "agricultural industry" includes businesses that produce textiles, sugar, paper, vegetable oil, and other goods. Agro-based companies use agricultural products as their raw resources. One of the biggest sectors of the agricultural-based industry is the textile sector. Agro-based businesses are those that work with primary and secondary agricultural and forestry products to transform raw materials into completed goods or turn them into finished goods. The production, processing, and distribution of agricultural goods are all included in the agro-based industry, as well as the provision of agricultural inputs. There are four different categories of agro-based businesses: agro-processing units, agro-manufacturing units, agro-inputs manufacturers, and agro service centres. One of the major sources of employment and money worldwide is the agriculture sector. Agro-based industries are built on the availability of their raw resources. Growth of agro-based industry can be rationalized by the changing food habits of Indians of greater demand for packed and ready to eat foods. Agro-based industries create greater opportunities for industrial growth as well as the integration of the different sectors of the economy. This present book focuses on how agro based industries is developing and spreading worldwide.

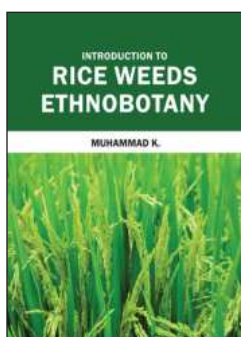


## Introduction to Breeding and Production of Crop

**L. Wartena**

ISBN: 9781835351925 HB Price: £ 160.00 Size: 7 × 10 Pages: 348 Year: 2025

**About the Book:** The art and science of crop breeding involves enhancing vital agricultural plants for the benefit of humanity. Crop breeders aim to improve the productivity and nutritional value of our food, fibre, pasture, and industrial crops. A growing global population with rising dietary expectations is fed by crops. Crop breeders' work helps to protect the environment as well. Decades of meticulous breeding and selection have had a significant impact on crop plants' traits. Plant breeders obtain up to three generations of plants year using greenhouses and other methods, allowing them to make advancements even more swiftly. Breeders can now produce desired genetic alterations with a great deal more precision because to recent biotechnological breakthroughs. Breeders can "edit" genes by removing, including, or adding them. Plant breeders are now able to pick plants with desirable features quickly using methods like marker-assisted selection. This book examines cutting-edge techniques for developing fresh strains of important crops that are resilient to environmental stressors that restrict food production globally.

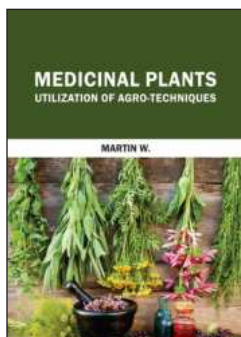


## Introduction to Rice Weeds Ethnobotany

**Muhammad K.**

ISBN: 9781835352335 HB Price: £ 160.00 Size: 7 × 10 Pages: 366 Year: 2025

**About the Book:** Ethnobotany is a subfield of botany that focuses on wild plants and weeds used for food, medicine, and other purposes. The topic of human suffering and its treatment was once strongly related to myth, magic, and religion. Even while ancient information is useful, it must first be put to the test. With 20% of the world's population relying on rice as a staple food, rice continues to be the most important food source in the world. The major findings, conclusions, and advice from both workshops are highlighted in this book. These incidents have once again demonstrated the critical need for an integrated weed management strategy in order to increase rice output. To effectively control weeds, a variety of preventative, cultural, physical, and chemical approaches should be integrated. This book will contribute to the understanding of young researchers in agronomy and other areas of agriculture, as well as professors and researchers at agricultural universities and research institutions. The collection of all the material available in one book will increase knowledge on rice science.

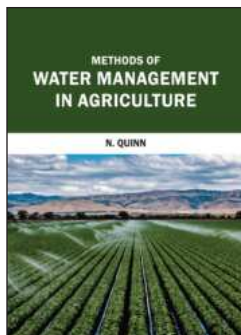


## Medicinal Plants: Utilization of Agro-Techniques

**Martin W.**

ISBN: 9781835352168 HB Price: £ 150.00 Size: 7 × 10 Pages: 348 Year: 2025

**About the Book:** The foundation of traditional medicine is plants or medicinal herbs. Herbal medicine evolved in various places of the world under various names. The systematic study of therapeutic plants' botany and lore is known as herbalism. The study of conventional medicine is known as ethnomedicine. In the medicinal plants, different active compounds are identified and separated by researchers. This priceless book, which was divided into several chapters, covered every facet of medicinal plant growing. The majority of trees, shrubs, climbers, and herbs from various species are covered in the book's cultivation details. The common name, scientific name, family, significance, geographic distribution, medicinal applications, botanical description, soil and climate needs, and cultural practises have all been provided for each plant species. For academics, exporters, extension personnel, producers, growers, and ordinary readers interested in medicinal plants, this book serves as a handy reference and information source. Professionals, educators, traditional healers, practitioners, and cultivators of medicinal plants are also likely to profit. The goal of the current book is to compile a variety of study materials for professionals, researchers, and students to comprehend agricultural practises for medicinal plants.



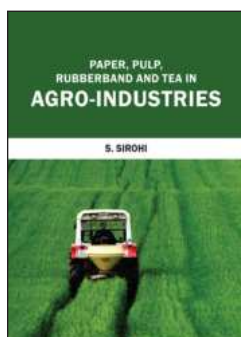
## Methods of Water Management in Agriculture

**N. Quinn**

ISBN: 9781835352366 HB Price: £ 150.00 Size: 7 × 10 Pages: 304 Year: 2025

**About the Book:** There is an urgent need to boost crop production per drop of water used in agriculture and so ensure that water use efficiency is increased without having a detrimental impact on downstream water quantity and quality in order to provide food security and sustainable water management for agriculture. An integrated strategy for managing soil, water, plants, and nutrients must be the foundation for any improvements in the management of water resources. The schedule of irrigation should be optimised, as well as more effective irrigation techniques like drip irrigation. To ensure that crop development is not constrained by nutrient or physical limitations and that every drop of water can be used for growth, soil fertility needs to be enhanced. Demand-based irrigation scheduling that considers the various crops' water requirements, growth stages, and the current environmental conditions can result in efficient water uptake by crops. By reducing the amount of soil evaporation losses in relation to plant transpiration in the field, agricultural water usage efficiency can be increased. The ability to measure soil evaporation and plant transpiration provides data on irrigation requirements for certain crop types and growth phases, which is important for water management and conservation. This book provides valuable insights throughout the chapters.





## Paper, Pulp, Rubberband and Tea in Agro-Industries

**S. Sirohi**

ISBN: 9781835352847

HB

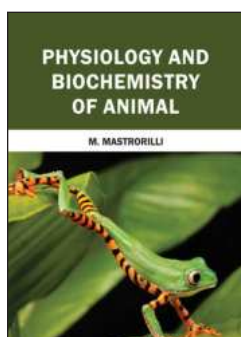
Price: £ 165.00

Size: 7 × 10

Pages: 286

Year: 2025

**About the Book:** Agro-based industries are these processing industries which use large quantities of agricultural raw materials such as rice milling, wheat flower processing, textiles, sugar, tea, jute, coffee, paper, rubber production etc. These agro-based industries provide an excellent nexus in promoting integrated development of agricultural and industry and in transforming a stagnant rural economy into a dynamic economy. Taking into consideration the importance of agro-based industries in the rural economy, a number of researcher have worked on the various aspects of agro-based industries such as impact on income of farmers, wages of agricultural labours and agro-based industrial workers, employment, cropping pattern etc. This book covers every area of business, including market analysis, verifying the availability of various requirements including equipment and raw materials, and anticipating financial needs. In an effort to examine numerous topics related to the Paper, Pulp, Rubber band, and Tea sectors, this book emphasises evaluation of traditional processing units in addition to coffee curing and tea manufacturing. If the relevant technical development and product and market diversification considerations are properly emphasised, it is envisaged that the book will portend a better future for the agro units.



## Physiology and Biochemistry of Animal

**M. Mastroianni**

ISBN: 9781835352038

HB

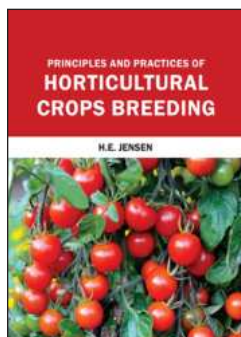
Price: £ 155.00

Size: 7 × 10

Pages: 390

Year: 2025

**About the Book:** The fundamental text for anyone studying physiology or zoology is Animal Physiology. The last four to five decades have seen incredible progress in the study of physiology. The study of animal physiology applies the concepts and procedures of human physiology to species of non-human animals. Additionally, both fields' methods are applied to plant physiology. Its range of topics is at least as varied as the actual tree of life. Research in animal physiology typically focuses on understanding how physiological features developed over the evolutionary history of animals because of this diversity of topics. Biochemistry, often known as biological chemistry, is the study of chemical reactions that take place within and in relation to living things. Biochemistry is the study of the chemical processes that occur in living things. It focuses on the structure and function of biomolecules such as lipids, carbohydrates, proteins, and nucleic acids as well as other cellular components. This insightful book demonstrates how each full physiological system is organised both individually and collectively. This book offers the comprehensive knowledge sources that students seeking careers in animal health and sciences.



## Principles and Practices of Horticultural Crops Breeding

**H.E. Jensen**

ISBN: 9781835351277

HB

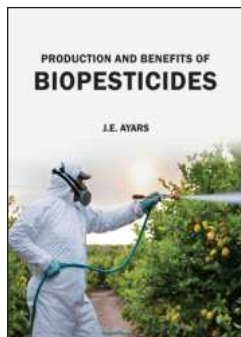
Price: £ 165.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** Horticulture has been studied and practised for a very long time—thousands of years. Horticulture aided in the transition of human populations from nomadic to sedentary or semi-sedentary lifestyles. Horticulture is broken down into a number of sections that concentrate on growing and preparing various kinds of plants and foods for certain uses. The book's fully extended edition was expressly developed with the goal that it will offer suitable assistance for horticultural lovers as well as students studying applied botany, agriculture, and horticulture. In this book, the production of new cultivars of important horticulture crops has received more emphasis than the ideas and techniques used in breeding such crops. The book was created with the primary objective of serving as both a text and a reference. The entire book has been organised into three main chapters with this in mind. The ideas and techniques used in developing horticultural crops that are propagated both sexually and asexually are covered in the first chapter. The accomplishments in breeding perennial horticulture crops are covered in the second chapter. The accomplishments in crop breeding for annual horticulture are covered in the third chapter.



## Production and Benefits of Biopesticides

**J.E. Ayars**

ISBN: 9781835351543

HB

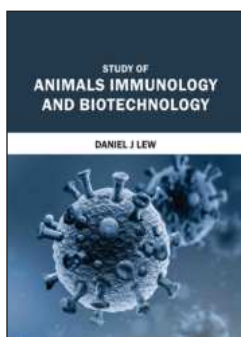
Price: £ 170.00

Size: 7 × 10

Pages: 282

Year: 2025

**About the Book:** Biopesticides are organic, naturally occurring substances that are applied to plants in forests, gardens, farms, etc. to control a variety of agricultural pests. Different kinds of biopesticides have been created from a variety of sources. This book's information is intended to give readers a foundational understanding of agricultural sciences for environmentally friendly practises and sustainable development. The topic of this book was designed and presented with the intention of serving as an introduction to sustainable agriculture, raising awareness of the vitally important functional microbial life in the soil and new developments and methods in the agricultural sciences. A thorough understanding of biopesticides is attempted in the book Biopesticides: Benefits and Their Production. As a result, it gives readers an introduction to some of the fundamental concepts behind biopesticides. The comprehensive book Biopesticides: Benefits and Their Production is helpful for scholars, scientists, farmers, and policymakers who are interested in sustainable agricultural practises.



## Study of Animals Immunology and Biotechnology

Daniel J Lew

ISBN: 9781835350737

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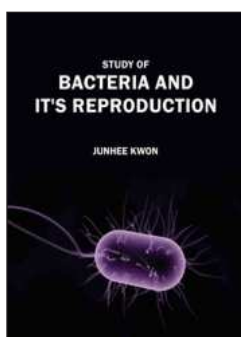
Price: £ 160.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** Biotechnology refers to any process that uses living things to create or alter a good, enhance plants or animals, or create microbes with a specific purpose in mind. Biotechnology refers to any process that uses living things to create or alter a good, enhance plants or animals, or create microbes with a specific purpose in mind. Genetic engineering is the science that serves as the foundation for current animal biotechnology. Other technologies utilised in animal biotechnology fall under the category of genetic engineering, including transgenics and cloning. A key area of the medical and biological sciences, immunology is the study of the immune system. Our immune system defends us against infection using a number of different mechanisms. If the immune system is not working properly, it can result in disease. This book provides an overview of the subject of animal biotechnology and is an excellent teaching resource. The purpose of this book is to present information on the topic in a clear and understandable format so that research scholars, scientists, zoologists, and even regular people can comprehend it fully.



## Study of Bacteria and It's Reproduction

Junhee Kwon

ISBN: 9781835351789

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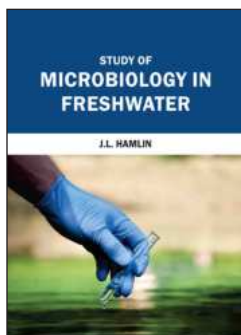
Price: £ 170.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** An essential branch of life is framed by bacteria. They are currently the most productive living life forms and the most established varieties of life as we presumably know it. They control every facet of the Earth's surface, the depths of the sea, and even the landscape, like gurgling hot springs. Although they are most frequently seen as carriers of infection, helpful bacteria are essential to both human health and the reuse of all natural resources and materials. It provides specifics on the location and size of actual culture collections that contain bacteria throughout the world, information on how to access their data, organisation and health concerns, recognisable proof, cultural and media formulas, security, licences, professional services, and global associations. This book outlines for you: The origins and evolution of bacteria; Some of the key ways that bacteria have shaped the world; bacteria that are frequently seen in a healthy human body, Numerous other topics are covered as well, including bacterial genetics and genomics, bacteria that can survive in extreme settings like bubbling water, marine microbiology, bacterial toxins, and catalysts.



## Study of Microbiology in Freshwater

J.L. Hamlin

ISBN: 9781835351550

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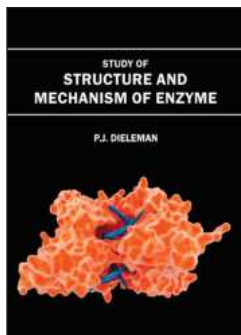
Price: £ 150.00

Size: 7 × 10

Pages: 338

Year: 2025

**About the Book:** The variety, interconnections, and activity of microorganisms in freshwater habitats are examined in this book. These are a crucial component of the biosphere, which also consists of the earth's atmosphere, seas, and terrestrial ecosystems. All locations where freshwater occur as the primary external medium, whether in the liquid or frozen condition, are referred to as having freshwater habitats. From several kilometres below the seafloor to the first millimetre of a shallow trench made by rainwater and into acidic lakes, water microorganisms are capable of flourishing in all aquatic habitats. Microorganisms that reside in or can be moved by water from one habitat to another are the focus of water microbiology. In water, a wide variety of microorganisms can develop. This might be helpful. For instance, specific yeast strains' chemical processes provide us the ability to make bread and beer. Additionally, some bacteria that develop in contaminated water can aid in the digestion of the water's toxins. Researchers, educators, and students in the fields of microbiology, botany, zoology, and agriculture will benefit from this book.



## Study of Structure and Mechanism of Enzyme

P.J. Dieleman

ISBN: 9781835352526

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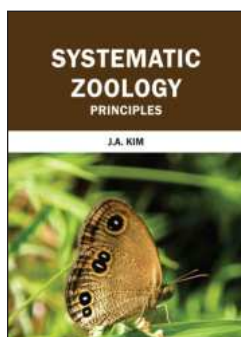
Price: £ 160.00

Size: 7 × 10

Pages: 316

Year: 2025

**About the Book:** Enzymes have long been researched by measuring their activity, which has advanced the field of "enzyme kinetics." The majority of chemical catalysts can catalyse a variety of processes. They frequently lack much discrimination. Enzymes, in contrast, are typically quite selective and only catalyse particular processes. The shapes of the enzyme molecules are what give them their selectivity. An enzyme is a protein that lowers activation energy (Ea) levels to catalyse the chemical interactions between biomolecules, hence facilitating a cellular metabolic process. Some enzymes actually reverse biological reactions by drastically lowering the activation energy. Amino acids are the building blocks of enzymes, and they are connected in a linear chain by amide (peptide) bonds. The kinetic and thermodynamic characteristics of enzymes are determined while determining their processes. The book provides an overview of the present knowledge of enzymology by discussing the structure and mechanism of enzymes.



## Systematic Zoology: Principles

J.A. Kim

ISBN: 9781835351536

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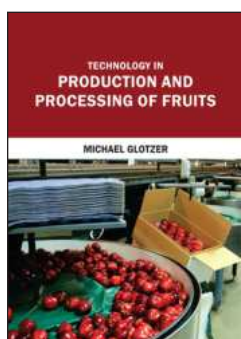
Price: £ 165.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** Over the past century, systematics has had an incredible resurgence. There are several goals behind this. Taxonomists played a significant role in the formation of the new union of developmental hypothesis, and they have demonstrated that systematics, which is the study of natural varied variation, is an extremely important field of study. Additionally, precise has been essential in the founding of populace science as a whole, including populace genetics. Additionally, it introduces fresh vocabulary from biomechanics, immunology, neurophysiology, and transformative progress. A list of endangered species, the common hereditary code, the geologic time scale, SI units, and an ordered characterisation scheme in light of the three-area ordered framework are all included in the detailed reference sections. This word reference is a helpful tool for students and teachers of zoology, organic sciences, and biomedical sciences as well as a valuable resource for naturalists and anybody with a passion for animals. It is colossal, accurate, and has definitions that are clear of jargon.



## Technology in Production and Processing of Fruits

Michael Glotzer

ISBN: 9781835352274

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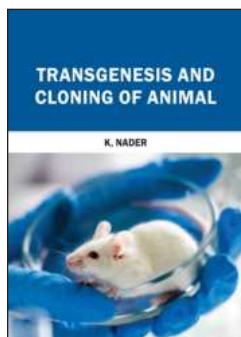
Price: £ 155.00

Size: 7 × 10

Pages: 376

Year: 2025

**About the Book:** Fruit Production and Processing Technology is an intriguing field-developed subject that provides readers with a thorough and coherent overview of the fundamental requirements of orchard management along with the ideas and methods of plant regeneration, maintenance, and fruit preservation. With the right technological technique, a wide range of fruits can be used to create various types of semi-finished products, starting with fresh fruits that have just been picked from the field or kept in warehouses with controlled atmospheres. To produce a juice of good quality, the raw materials' level of ripeness, freshness, and cleanliness are crucial. Fruit is sometimes referred to as the byproduct of angiosperm, or flowering plant, growth. However, from the perspective of the consumer or food processor, fruit is commonly defined as the edible part of a plant or tree that includes the seed and its envelope and is typically described as juicy, sweet, and pulpy. The goal of the current book is to give readers a comprehensive understanding of the fundamentals of fruit production and technology.



## Transgenesis and Cloning of Animal

K. Nader

ISBN: 9781835351802

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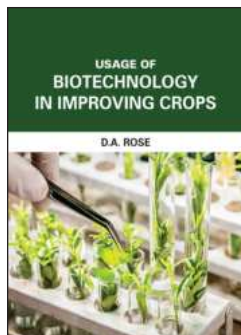
Price: £ 155.00

Size: 7 × 10

Pages: 276

Year: 2025

**About the Book:** Transgenic methods are still changing and have had a big impact on many different fields. They are acknowledged as playing a crucial role in expanding our understanding of the regulation, expression, and function of genes. The topics of gene transfer in animals are covered in this book, including molecular approaches and whole animal considerations across a variety of species. The introduction to the book explains what transgenic animals are. Methods and applications for transgenic use are covered in Chapter 1. The Use of Transgenic Animals in Biotechnology: Prospects and Issues is discussed in Chapter 2. Study on transgenic animals in agriculture in Chapter 3. Transgenic animals and gene replacement are the subjects of Chapter 4. This chapter discusses how DNA may be transported into eukaryotic cells and how specific sites in cloned genes can be altered in vitro. The fundamentals of cloning are covered in Chapter 5. The topic of reproductive cloning is covered in Chapter 6. The topic of domestic animal cloning is covered in Chapter 7. The topic of Surface Epigenetic Reprogramming is covered in Chapter 8. The risks to animal health are covered in Chapter 9. This chapter focuses on the examination of cloned animals using a critical biological systems approach. The creation of the Risk Assessment Methodology needed for cloning is discussed in Chapter 10.



## Usage of Biotechnology in Improving Crops

D.A. Rose

ISBN: 9781835350713

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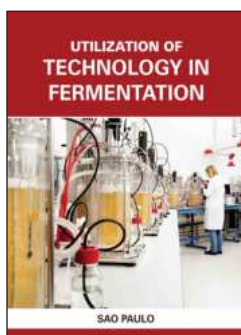
Price: £ 150.00

Size: 7 × 10

Pages: 354

Year: 2025

**About the Book:** The biotechnology business is using all of its potential on a worldwide scale. This quickly integrating cutting-edge technology is bringing about unique advances in agricultural development, security, and healthcare, as well as in food and nutrition. A significant area of agricultural biotechnology is plant biotechnology, which focuses on many aspects of plant tissue culture, genetic engineering, and molecular biology methods. The development, preservation, and use of genetic diversity for the enhancement of field, fruit, vegetable, and forest crops as well as medicinal and aromatic plants is made possible through tissue culture techniques. Using micropropagation ensures that plants with unique characteristics multiply quickly and in large numbers, true to kind. The use of selective breeding to exchange genetic material between two parent plants and produce offspring with desired traits, such as increased yields, disease resistance, and improved product quality, has traditionally been the method used to apply biotechnology to agriculturally significant crop species. The two plants being crossed (bred) must be of the same species or closely related species in order for the genetic material to be exchanged. It is hoped that this book will be of great use to people who are either enrolled in plant biotechnology courses or working on it.



## Utilization of Technology in Fermentation

Sao Paulo

ISBN: 9781835352915

HB

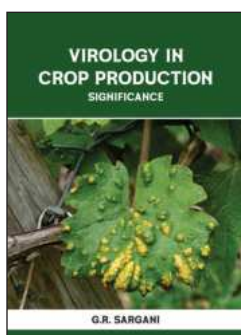
Price: £ 170.00

Size: 7 × 10

Pages: 344

Year: 2025

**About the Book:** The anaerobic breakdown of sugar by yeast into carbon dioxide and alcohol is known as fermentation. However, fermentation can also refer to any set of chemical events brought on by living or nonliving ferments that break down complex organic compounds into comparatively simple ones. In fermentation, tiny yeast, moulds, and bacteria work together to cause a chemical shift. The process of fermentation involves the metabolic activity of organisms at all stages of their life cycles, including senescence and death. Utilising organisms on a large-scale commercial level to produce food, medications, and alcoholic beverages is known as fermentation technology. In the last ten years, fermentation technology has seen a number of turbulent advancements. Wine, beer, cider, vinegar, ethanol, cheese, hormones, antibiotics, complete proteins, enzymes, and other beneficial goods are the main products of fermentation technology produced economically on a large-scale industrial basis. The book's objective is to present an in-depth analysis of the foundations of fermentation technology as well as contemporary advancements and breakthroughs in the subject, with a focus on industrial applications.



## Virology in Crop Production: Significance

G.R. Sargani

ISBN: 9781835351161

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Price: £ 160.00

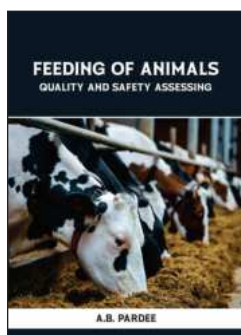
Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** In the past, research on plant viruses has made significant contributions to our understanding of eukaryotic biology. Recombinant protein-based illness therapeutics has recently been produced by the biotechnology sector, along with the evolution of viruses into expression vectors. For the generation of recombinant proteins, plant viral vectors are thought to be a good alternative. Pathogens are effectively turned into allies by using them to enhance agricultural productivity. The primary option for virus control is counteractive action. Preventing virus spread by either regulating the vectors or by destroying contaminated plants is a clear goal in the fight against plant virus disease. It is important that nurseries and tissue culture research centres provide reliable virus-free engendering material to maintain the interest of ranchers, the farming industry, as well as national and international trade. This book covers all aspects of plant viruses, including viral pathogenesis, relationships between viruses, quality capability, genetic characteristics, opposition to viruses, RNA hushing, etc. Additionally, concentrates with useful methodological applications, such diagnostic technologies and metagenomics, are distributed in this domain.





## Feeding of Animals: Quality and Safety Assessing

A.B. Pardee

ISBN: 9781835350126

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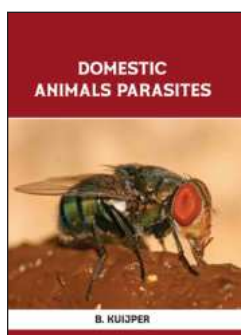
Price: £ 160.00

Size: 7 × 10

Pages: 286

Year: 2025

**About the Book:** The goal of this book is to enhance the foundation for risk management by presenting the most recent data on the effects of animal feeds on food quality, food safety, and the environment. The primary concerns that led to advancements in quality assurance and control of analysis will be covered in this overview. Additionally, information regarding laboratory accreditation will be provided, along with helpful addresses. The parts that follow will go through common practises, point out areas that need special attention, and discuss current advancements in feed analysis. Sample preparation, analysis of significant constituents (dry matter, ash and minerals, crude protein, fat, fibres, and starch), and secondary plant products (tannins, mycotoxins, and other pollutants) are among the topics that will be discussed. It will be discussed how advances in near-infrared reflectance spectroscopy have made it possible to analyse complete samples and how this method may one day replace traditional feed analysis by predicting animal behaviour. In relation to the analysis of secondary products, this review will only briefly touch on a few chromatographic and mass spectrometric techniques.



## Domestic Animals Parasites

B. Kuijper

ISBN: 9781835350256

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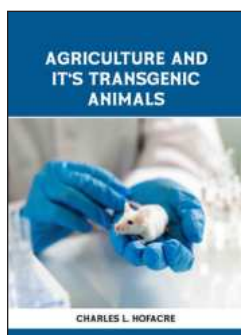
Price: £ 160.00

Size: 7 × 10

Pages: 294

Year: 2025

**About the Book:** A parasite is a living thing that inhabits its host and feeds off of or at the expense of it. Numerous species of the two-winged Order Diptera, including mosquitoes, horseflies, blowflies, and warbleflies, directly parasitize domestic animals and spread disease-causing pathogens. Companion animals suffer from these infestations and infections, and the livestock business pays a hefty price for these illnesses. Wherever domestic animals are raised, these issues arise. This lavishly illustrated book presents domestic animal parasites from a biological standpoint. It addresses parasite evolution and ecology and integrates traditional parasite descriptive biology with contemporary cell and molecular biology methods. The most crucial characteristics of the parasites, the diseases they cause, and the most recent information on effective preventative and control strategies are presented in a variety of educational tables and schemes. Veterinarians, students of the veterinary and life sciences, veterinarian nurses, laboratory personnel, and owners of pets and animals can all benefit from the book as a textbook and reference resource.



## Agriculture and It's Transgenic Animals

Charles L. Hofacre

ISBN: 9781835350560

HB

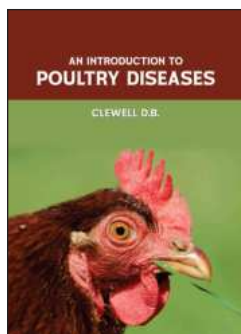
Price: £ 160.00

Size: 7 × 10

Pages: 298

Year: 2025

**About the Book:** For preclinical drug testing, transgenic animal models of human disease can be helpful. Virus receptors or other host range factors can be used to modify animals such that they are sensitive to human viruses, which can be used to test human vaccinations. In the lab, transgenic animals are frequently utilised as test subjects for scientific research. The majority of the rodents used—over 95%—are genetically engineered mice. They are crucial tools for studying how genes work in relation to the susceptibility and course of human disease as well as the responses to treatment interventions. The main innovation in the rise of sedentary human civilisation was agriculture, where farming of domesticated species produced food surpluses that fueled civilization. Agricultural science is the study of agriculture. Agriculture has a long history that extends back thousands of years, and varied climates, civilizations, and technological advancements have tremendously influenced and characterised it. The predominant agricultural practise is industrial agriculture, which is based on extensive monoculture cultivation. For researchers working in animal genetics, breeding, and biotechnology, this book is a must-read.



## An Introduction to Poultry Diseases

Clewell D.B.

ISBN: 9781835350607

HB

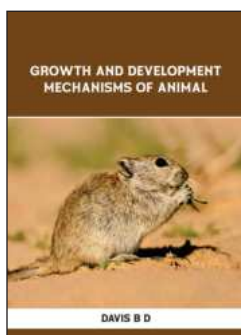
Price: £ 165.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** Humans raise tamed birds called poultry for their eggs, meat, or feathers. Most frequently, these birds belong to the superorder Galloanserae, particularly the order Galliformes. illnesses that affect poultry are known as poultry illnesses. The poultry business places a high priority on the eradication of poultry disease. It covers pathogenesis, diagnostics, epidemiology, history, aetiology, pathobiology, control techniques, as well as the economic and public health relevance of both common and unusual diseases. This is the most thorough reference available for all facets of poultry health and disease. It is the most comprehensive and dependable source of up-to-date information on the diagnosis and treatment of illnesses in poultry. This version serves as the international standard reference and provides information on organic disease prevention and updated diagnostic techniques. This book also features excellent images and places more focus throughout on the variations in disease prevalence and treatments in various parts of the world. For veterinarians who treat poultry, veterinary diagnosticians who work with poultry, scientists who study poultry, students specialising in poultry health, and government officials who deal with poultry health in a regulatory environment, this book is a need.

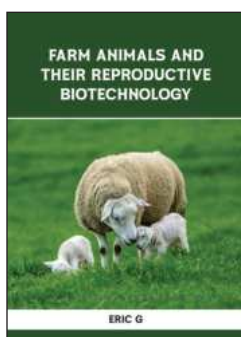


## Growth and Development Mechanisms of Animal

**Davis B D**

ISBN: 9781835350805 HB Price: £ 155.00 Size: 7 × 10 Pages: 314 Year: 2025

**About the Book:** The control of animal growth, body composition, and characteristics of domestic animals' meat quality are significantly correlated. The value of the live animal for both breeding and retail meat is greatly influenced by the animal's growth qualities and carcass characteristics. Although there are many variables that affect an animal's growth, they may be categorised into three basic groups: the animal's gene pool, the nutrients that it receives, and its habitat. The endocrine system serves as the link and conduit between them. Consider the insulin-like growth factor-I (IGF-I), a significant peptide hormone required for healthy growth and development, as an illustration of this. An animal's rate of IGF-I production at birth can be linked to that animal's later pace of growth. Therefore, when management choices are being made for livestock production systems, it is crucial to comprehend ideas of growth and development. From prenatal growth to postnatal growth of cattle, sheep, and pigs, this book will present both applied and practical concepts based on fundamental scientific principles. This book is special because it includes information on how growth and development qualities relate to carcass value, retail meat characteristics, meat processing, and storage traits that are significant at wholesale and retail markets.

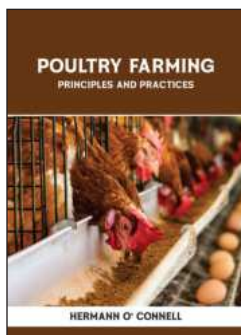


## Farm Animals and their Reproductive Biotechnology

**Eric G**

ISBN: 9781835351017 HB Price: £ 165.00 Size: 7 × 10 Pages: 286 Year: 2025

**About the Book:** The use of modern biotechnologies in farm animal reproduction and selection is just beginning. Modern biotechnologies will make it possible to advance. Physiological and embryological research has served as a foundation for the creation of technologies that boost farm animal productivity by better managing reproductive function. Numerous opportunities to use these disciplines and developing competencies are presented by the cattle. The increase in the rate of reproduction that can be obtained with the implementation of best animal husbandry practises, including ideal feeding, breeding, and management, is constrained by the physiological restrictions. The only way to get through this barrier and continue to produce more and more to keep up with the expanding human population is to use biotechnological technologies in animal reproduction. This drew scientists and funding for studies on animal reproduction from all over the world. For students studying animal science, agriculture, veterinary medicine, and biology, as well as veterinary professionals and farmers who want to stay current on improvements in procedures that can be useful in their everyday work, this volume continues to be essential reading.

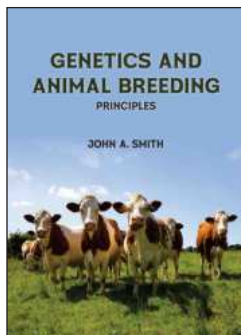


## Poultry Farming: Principles and Practices

**Hermann O' Connell**

ISBN: 9781835351338 HB Price: £ 165.00 Size: 7 × 10 Pages: 300 Year: 2025

**About the Book:** The country's poultry industry has developed steadily over the years, mostly as a result of government research and development initiatives and the organised commercial sector's efficient marketing and administration. Modern technological innovations have helped the chicken industry transition from a wholly unorganised farming practise to a commercial production system. In addition to directly or indirectly employing people, the poultry industry is a valuable resource for many marginal and landless farmers who want to generate side income. Additionally, it offers nutritional security, particularly to rural impoverished people. Different feeding methods can help reduce the possible effects of climate change by utilising new and current local feed supplies. Assessment of the scavengeable feed resource and its effective use are essential for scavenging systems. On-farm combinations should be able to be used as a supplement to scavenging by family poultry farmers that use modest and extensive scavenging systems. For the semi-intensive system, supplementation with locally accessible feedstuffs or commercial feed as an addition to scavenging can be advised if the market values of the birds or eggs ensure profitability. For students studying poultry science, LPM, economics, extension, and marketing disciplines, this book is a convenient resource.



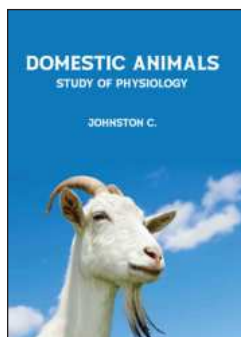
## Genetics and Animal Breeding: Principles

**John A. Smith**

ISBN: 9781835351710 HB Price: £ 155.00 Size: 7 × 10 Pages: 296 Year: 2025

**About the Book:** Breeding programmes have primarily relied on simply choosing and mating the best individuals based on their own or relatives' performance, despite the fact that animal breeding was practised long before the science of genetics and the pertinent disciplines of population and quantitative genetics were known. The field of study known as animal breeding, genetics, and genomics is concerned with maximising desirable genetic features, such as raising animals with leaner meat. Animal geneticists have discovered components in genes that can improve an animal's health, development, and capacity to use nutrition. While enhancing the genetic quality of domestic animals, features for production and disease resistance are being targeted via traditional breeding programmes like inbreeding, outbreeding, or the addition of marker-assisted selection. The topic has been covered in a logical order to make it relatively simple for the reader to move from a simple to a more complex interpretation. It is anticipated that the reader, who is likely to be mostly graduate and post graduate animal breeding students and researchers, will be able to get a greater understanding of the dynamic field of animal breeding science. The applied breeding techniques used today for many domestic animal species are attempted to be described in this book.





## Domestic Animals: Study of Physiology

Johnston C.

ISBN: 9781835351741

HB

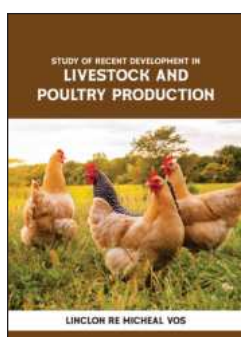
Price: £ 170.00

Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** The study of typical behaviour in domestic animals is known as domestic animal physiology. It is a branch of biology that focuses on a variety of issues such as cells, biological chemicals, organs, anatomy, and how these things all work together to support life. This textbook is intended for students studying veterinary, animal, and agricultural sciences, but it can also be used in general and mammalian physiology courses at the university level. The book is broken up into many parts that describe various physiological systems, including digestion, reproduction, and circulation. The emphasis in the textbook is on physiology's functional elements. Its goal is to assist students in acquiring the problem-solving abilities they will require in their future employment. This volume introduces crucial new techniques and provides a thorough explanation of recent developments in domestic animal physiology. It offers a comprehensive, systems-based physiology of numerous domestic animal species. It has a logical structure that is user-friendly. It was authored by a renowned expert in the field of animal science who is also an experienced educator. Students will get a crucial foundational grasp of anatomy and physiology thanks to the comprehensive covering and numerous illustrations.



## Study of Recent Development in Livestock and Poultry Production

Linclon RE Micheal Vos

ISBN: 9781835351970

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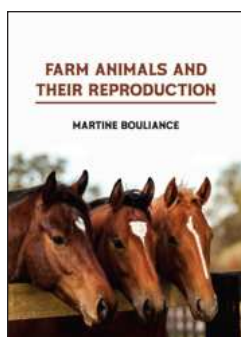
Price: £ 150.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** The reader gets a fairly accurate impression of the world of the livestock sector through Modern Livestock and Poultry Production. It provides an overview of the sector to set the stage for fieldwork. Feed grains and roughages are transformed into food for humans by livestock. The use of feed grains as livestock feed is not without controversy. It has been argued that this is not the most effective use of scarce resources given the global food shortages. Because they can transform significant amounts of resources into food that cannot be used directly for human consumption, ruminants are crucial. Major cereal crops like corn, wheat, and rice contain over half of their chemical energy in plant components that are not consumed by people, including the stems. Due to population increase and rising individual consumption, the demand for poultry meat and eggs is anticipated to rise further. Regardless of location or income level, the market for poultry meat is anticipated to grow, with emerging regions experiencing slightly faster per capita growth than developed ones. This book serves as a guide into the production methods used in livestock and poultry for people working in animal husbandry. The book takes a detailed look into the breeding, rearing, and feeding techniques that have effect on the growth or shrinkage of livestock numbers without ignoring the effect of natural conditions.



## Farm Animals and their Reproduction

Martine Bouliance

ISBN: 9781835352175

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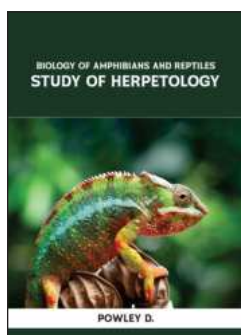
Price: £ 155.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** Asexual reproduction is used by some animals whereas sexual reproduction is used by others to produce offspring. Both approaches have benefits and drawbacks. To create genetically distinct kids through sexual reproduction, two people's reproductive cells are combined. Anyone studying animal science, dairy science, or pre-veterinary medicine would benefit much from this new, modern edition. It gives a thorough description of how animals reproduce. It is intended to aid the reader in developing the vocabulary necessary to address reproductive issues related to reproduction physiology as well as understanding the physiological processes governing reproduction. It also places a focus on how fundamental ideas can be applied to the biology and biomedical elements of managing animal reproduction in farm animals. The text offers up-to-date knowledge on the anatomy and physiology of animal reproduction. This comprehensive text covers all aspects of animal reproduction, from conception to labour and delivery to the biology of the male and female reproductive systems. Abortion, population increase, and preparing for a growing population are also covered. For lessons on animal reproductive biology, this book is perfect.



## Biology of Amphibians and Reptiles: Study of Herpetology

Powley D.

ISBN: 9781835352601

HB

Price: £ 150.00

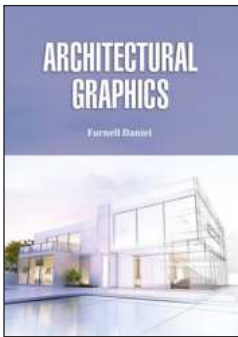
Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** Herpetology has consistently been one of the most stimulating subfields in zoology. Through skillful blending, the author condenses the diverse variation in the science of living things on land, in water, and in reptiles while also illuminating the breadth of ebb and flow herpetological research. Themes covered include the development, characterisation, improvement, population growth, and ecological issues pertaining to the study of land- and water-based organisms as well as reptiles. It is vital for courses in biology, conduct, development, systematics, and morphology, in addition to acting as a solid foundation for current herpetology courses. This book is regarded in a few countries as an important resource for studying herpetology since it uses models from reptiles and other land, water, and wildlife from all over the world. Due to the wide range of environmental, physiological, morphological, behavioural, and transformative instances they exhibit, land, water, and reptile animals have accepted a focus role in research.

# Architecture



## Architectural Graphics

Furnell Daniel

ISBN: 9781835357392

HB

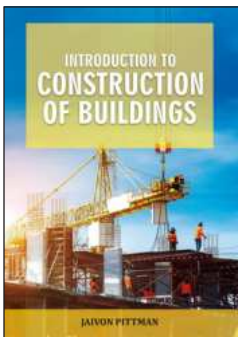
Price: £ 155.00

Size: 7 × 10

Pages: 278

Year: 2025

**About the Book:** Architectural design is a concept that focuses on components and elements of structure such as space, form, place, and function, whereas architectural graphic design speaks of the building, function, purpose, and narration. An effective architectural design supports the construction and strengthens its presence. Architectural graphic design is neither independent nor superficial. The architectural visual designing layer has meaning, form, and function same as architecture. Therefore, graphic design is an essential component of architectural design. When an architect designs a building, they consider elements like safety, functionality and cost. It's also important for them to account for style and visual messaging through design processes like architectural graphic design. If you work in architecture, design, city planning or graphic design and enjoy representing ideas through design elements, this can be an exciting professional area to learn about and develop. The whole idea behind creating scale drawings is to allow the drafter to create a drawing which is proportionately the same as the artifact it represents. Using a measuring device called a scale, we can create accurate drawings of both very large objects and very small objects and fit either on a standard size piece of paper. Often, scales are made in triangular form so that they can be marked with different scale ratios. Architectural graphics are key tools for conveying design through representation on paper or on screen, and this book is the ultimate guide to mastering the skill, then applying your talent to create more effective design communication.



## Introduction to Construction of Buildings

Jaivon Pittman

ISBN: 9781835357453

HB

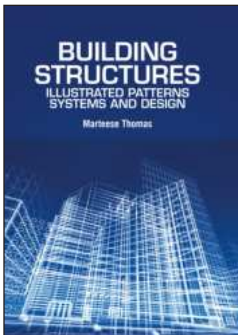
Price: £ 160.00

Size: 7 × 10

Pages: 308

Year: 2025

**About the Book:** Building Construction covers the entire process of building construction in detail, from the stage of planning and foundation building to the finishing stages like plastering, painting, electricity supply and woodwork. Construction, also called building construction, the techniques and industry involved in the assembly and erection of structures, primarily those used to provide shelter. The present state of construction is complex. There is a wide range of building products and systems which are aimed primarily at groups of building types or markets. The design process for buildings is highly organized and draws upon research establishments that study material properties and performance, code officials who adopt and enforce safety standards, and design professionals who determine user needs and design a building to meet those needs. The construction process is also highly organized; it includes the manufacturers of building products and systems, the craftsmen who assemble them on the building site, the contractors who employ and coordinate the work of the craftsmen, and consultants who specialize in such aspects as construction management, quality control, and insurance. In project architecture and civil engineering, construction is the building or assembly of any infrastructure on a site or sites. Although this may be thought of as a single activity, in fact, construction is a feat of multitasking. Normally the job is managed by the construction manager, supervised by the project manager, design engineer or project architect. While these people work in offices, every construction project requires a large number of laborers, carpenters, and other skilled tradesmen to complete the physical task of construction. Together with its companion volume, Building Materials, the book will meet the academic requirements of degree, as well as diploma courses in civil engineering and architecture.



## Building Structures Illustrated Patterns Systems and Design

Martese Thomas

ISBN: 9781835357576

HB

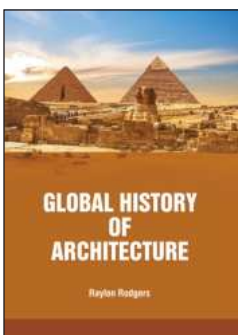
Price: £ 170.00

Size: 7 × 10

Pages: 262

Year: 2025

**About the Book:** Structural systems are those elements of construction that are designed to form part of a building's structure either to support the entire building (or other built asset, such as a bridge or tunnel) or just a part of it. So, a steel frame is a structural system that supports the building and everything on it and in it. A space frame is a structural system that typically supports the roof. External walls in framed buildings act as infill panels between columns and beams. Because they are non-load bearing (although they carry their own weight and must resist wind forces), they can be of any durable material that fulfills thermal, acoustic, fire and environmental criteria. When positioned on the outside of the frame they form a part of the building envelope and are known as cladding. When they are positioned on a secondary steel framework attached to outside of the main structure so that a ventilation gap is created behind them, they are known as a rainscreen. The structure is a collection of elements linked together in such a way that serves a meaningful purpose. Thus, a structure is an arrangement and organization of interrelated elements in an object or system, with the load affecting structural components vertically or laterally. Different types of structures like concrete, framed, shell, membrane, truss, cables and arches, surface structure, etc., can be viewed in many models. The structural design for a building must guarantee that the building is able to stand up safely, able to function without excessive deflections or movements which may cause fatigue of structural elements, cracking or failure of fixtures, fittings or partitions, or discomfort for occupants. It must account for movements and forces due to temperature, creep, cracking and imposed loads. It must also ensure that the design is practically buildable within acceptable manufacturing tolerances of the materials. Building Structure and Construction covers the entire process of building construction in detail, from the stage of planning and foundation building to the finishing stages like plastering, painting, electricity supply and woodwork.



## Global History of Architecture

Raylon Rodgers

ISBN: 9781835357637

HB

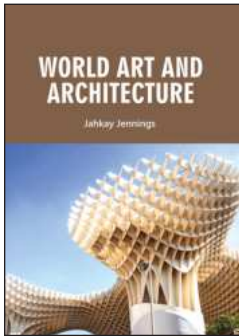
Price: £ 150.00

Size: 7 × 10

Pages: 326

Year: 2025

**About the Book:** The history of architecture reflects its evolution across various traditions, regions, and stylistic trends, beginning with humans' need for shelter and protection. While often associated with buildings, architecture also encompasses urbanism, civil engineering, naval, military, and landscape architecture. It involves not just design and construction but also the creation of space and ambiance, considering social and environmental impacts. Practical aspects include scheduling, budgeting, administration, and technical documentation, such as plans and specifications. Greek and Roman architecture drew from civic ideals rather than religious ones. In Asia, significant architectural texts include "Kao Gong Ji" by Lin Yi (1235), "Shilpa Shastras" from Ancient India, and the "Manjusri Vasthu Vidya Sastra" of Sri Lanka, detailing Buddhist monastery construction. Islamic architecture integrated religious and societal needs, introducing techniques like pendentives for supporting large domes, leading to grand structures like the Hagia Sophia. Architecture enthusiasts often reference "A Global History of Architecture" for its comprehensive coverage of the field.



## World Art and Architecture

Jahkay Jennings

ISBN: 9781835357446

HB

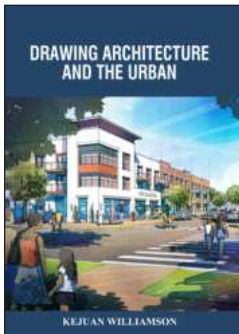
Price: £ 155.00

Size: 7 × 10

Pages: 262

Year: 2025

**About the Book:** The history of art encompasses objects created by humans for various purposes—spiritual, narrative, philosophical, symbolic, conceptual, documentary, decorative, and functional—with an emphasis on aesthetic visual form. Visual art is classified in multiple ways: fine arts versus applied arts, human creativity, or media such as architecture, sculpture, painting, film, photography, and graphic arts. Recent technological advances have introduced video art, computer art, performance art, animation, television, and video games. Architecture is marked by monumental structures using large stone blocks, lintels, and solid columns. Funerary monuments included mastabas (rectangular tombs), pyramids (step pyramids at Saqqarah and smooth-sided pyramids at Giza), and hypogeums (underground tombs in the Valley of the Kings). Temples, often part of monumental complexes, featured avenues of sphinxes and obelisks, pylons, trapezoid walls, hypaethros, hypostyle halls, and shrines. Examples include Karnak, Luxor, Philae, and Edfu, with rock temples like those at Abu Simbel and Deir el-Bahari. The fusion of art and architecture can be harmonious or disastrous. Achieving the right balance is an art form, requiring the designer's skill and creativity to envision and interpret the end result. This book is a valuable resource for students, researchers, and anyone interested in global arts and architectures.



## Drawing Architecture and the Urban

Kejuan Williamson

ISBN: 9781835357507

HB

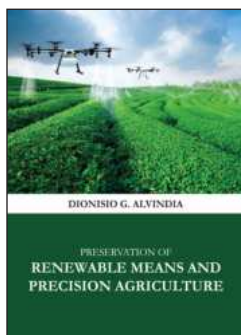
Price: £ 165.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** Urban design is the art of creating towns, cities, streets, and spaces. It is a collaborative, multi-disciplinary process that shapes the physical settings for life, encompassing the design of buildings, spaces, landscapes, and the establishment of frameworks for sustainable development. Urban design can range from developing masterplans for large areas to creating detailed designs for local streets or public spaces. It focuses on designing at a human scale to improve life quality and create attractive, durable, and cost-effective places. A well-designed urban area must function efficiently, be visually appealing, and be maintainable. Urban architecture facilitates high-density living and working environments, making efficient use of space crucial. A popular modern trend is the development of multi-use buildings that combine living spaces with private offices, catering to the increasing prevalence of telecommuting. The book offers a design analysis method and a design approach using comparative and transformative matrices, derived from analyzing formative architectural and urban elements. This approach helps in creating functional and aesthetically pleasing urban environments that stand the test of time.



## Preservation of Renewable Means and Precision Agriculture

**Dionisio G. Alvindia**

ISBN: 9781835350010

HB

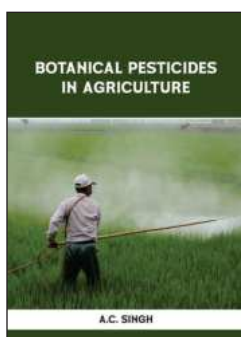
Price: £ 155.00

Size: 7 × 10

Pages: 250

Year: 2025

**About the Book:** The function and structure of agricultural production systems, as well as the overall social and environmental sustainability, depend on natural resources, particularly water and soil. Humans depend on natural resources for survival, either directly or indirectly. Natural resources include things like plants, animals, minerals, sunlight, water, air, soil, and water. Nature also serves as the only source for our basic need, such as clothing, food, and shelter. The protection of natural resources poses difficulties for policymakers, in part because it is no longer just a national issue but a global one. Consequently, international institutions and rules pertaining to the preservation of natural resources and the protection of the environment must be formed, but the participation of national governments is as important. Today's farmers are searching for innovative strategies to boost productivity and cut costs due to rising input costs and falling crop prices. Precision farming can help increase production and profitability in this aspect. Any aspect of our natural environment that man can use to further his welfare, such as land, water, air, minerals, forests, rangelands, wildlife, fish, or even the population, may be regarded as a natural resource. This is why natural resources preservation is so important.



## Botanical Pesticides in Agriculture

**A.C. Singh**

ISBN: 9781835350133

HB

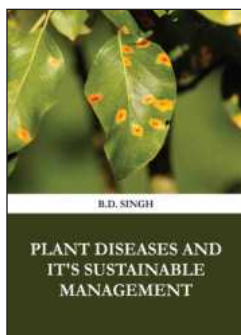
Price: £ 165.00

Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** Numerous plants and minerals contain insecticidal qualities, or are poisonous to insects. Insect poisons that are naturally occurring and extracted from plants or minerals are known as botanical insecticides. They go by the name natural insecticides as well. In some circumstances, organic gardeners will pick these insecticides over synthetic organic materials. This book was primarily intended for academics and research assistants at various universities who are interested in using native, eco-friendly plants for pest control programmes. The book briefly discusses many plants that have pesticidal qualities as well as their mode of action, method of preparation, and safety to non-target organisms. It is believed that researchers, extension workers, graduate and postgraduate agriculture students, as well as those studying basic science, will find this book to be of great assistance. This book will be helpful for environmentalists who want to reduce the use of synthetic chemicals in pest management programmes as well as for the industries that formulate pesticides in developing innovative compounds based on phytochemicals. Every effort has been made to give students and scholars access to information that is scarce in other works.



## Plant Diseases and It's Sustainable Management

**B.D. Singh**

ISBN: 9781835350294

HB

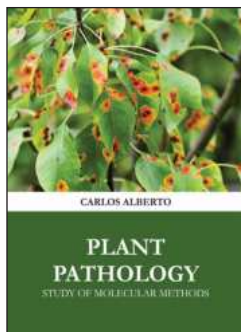
Price: £ 155.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** This book's objective is to teach students to the fundamental ideas and concepts behind managing plant diseases. The physiological effects or symptoms of plant diseases are frequently used to categorise them. However, many diseases have essentially same symptoms and signs but are brought on by totally different bacteria or substances, necessitating the employment of entirely different control strategies. The classification of diseases based on their symptoms is also insufficient because a causal agent may generate a variety of symptoms, even on the same plant organ, several of which frequently coexist. One type of biological control is the use of resistant plants to eradicate plant diseases. Host resistance will be discussed separately from microbial antagonists in this chapter due to its significance. The diseases of economic significance caused by fungi, bacteria, viruses, and virus-like organisms of each crop are covered, with information on their history, distribution, damages sustained, symptoms, most recent diagnostic tools, epidemiology, and integrated applied management techniques using cultural, chemical, and genetic resources use of bio control agents being adopted worldwide.



## Plant Pathology: Study of Molecular Methods

**Carlos Alberto**

ISBN: 9781835350508

HB

Price: £ 170.00

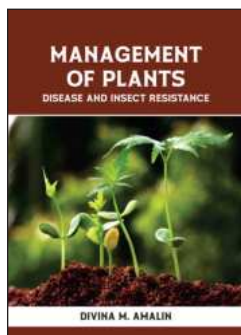
Size: 7 × 10

Pages: 286

Year: 2025

**About the Book:** The module provides information on fundamental molecular methods used in plant pathology for identifying plant infections. Diagnosticians have a variety of benefits over more conventional ways when using molecular technologies for plant disease diagnosis. Plant pathology is a problem that directly affects crop yield, making it extremely important economically. A student studying plant science must have a solid understanding of the pathogens that cause plant diseases, as well as their symptoms, consequences, and treatments. The defensive mechanisms of infected plants, including trees, as well as the cytolocalization of molecules involved in host resistance have also been studied. Techniques that may be useful in investigating plant infections, such as colloidal gold cytochemistry in situ hybridization, etc., are explained. The book is a must-have for academicians, researchers, and students in the fields of agrosience, botany, and plant science since it provides an up-to-date description of the most recent trends and advancements in plant pathology and is written in a clear and accessible manner. For graduate students and research scholars, the book also works well as a text and a reference.





## Management of Plants: Disease and Insect Resistance

**Divina M. Amalin**

ISBN: 9781835350843

HB

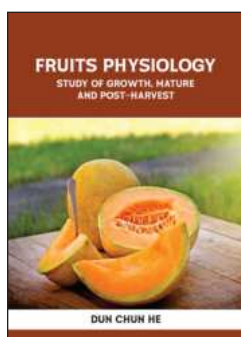
Price: £ 160.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** Since biotic agents that threaten domesticated plants are so numerous, pest resistance has historically been the most crucial feature in crop breeding. Despite the fact that some forest trees have fallen prey to some of the most spectacular and catastrophic epidemics known to man, the number of diseases and insects that affect them may be even greater than those that affect their agricultural counterparts. Crop varieties that are resistant to insects reduce the number of insect pests or improve the plants' ability to withstand harm. In other words, insect-resistant plants change how a plant pest interacts with its host. Depending on the type of resistance, many things can happen to the relationship between the insect and the plant. The ideas and procedures of traditional plant breeding as well as more current and cutting-edge biotechnology innovations are thoroughly covered in the book. The book is appropriate for use as a challenging text. It is assumed that you have a working grasp of insect pests, plant pathogens, and their genetics. Plant pathologists, entomologists, and geneticists working to create germplasm resistant to biotic stressors can use the book as a reference. It has been made an effort to use as many different agricultural plants and their hazardous parasites as feasible as examples.



## Fruits Physiology: Study of Growth, Mature and Post-Harvest

**Dun Chun He**

ISBN: 9781835350928

HB

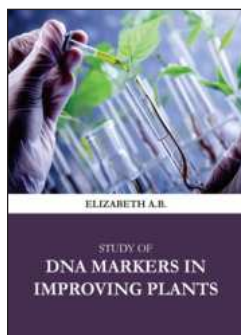
Price: £ 150.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** Fruit developed as a means of producing and distributing seeds. The development of products for human use was then under greater selection pressure from humans. Over the previous century, this kind of evolution has accelerated. In evolutionary terms, the idea of a fruit as a sweet, fleshy food item is actually relatively recent. Cell wall, carbohydrate, organic acid, lipid, phospholipid, and volatile (aroma) chemical proportions shift significantly as fruit grows, and within each of those groups, the proportion of individual group members also changes. Fruit undergoes a number of stages as it ages, becomes edible, and finally senesces. While the fruit is still attached to the plant or after harvest, several alterations can occur. Fruits thus make up a considerable portion of the global agricultural output, and some of them, like the apple and the pomegranate, have deep cultural and symbolic significance. Fruits undergo a process called ripening that makes them more delicious. A fruit often gets softer, sweeter, and less green as it ripens. This book provides an invaluable insight to all its readers.



## Study of DNA Markers in Improving Plants

**Elizabeth A.B.**

ISBN: 9781835350997

HB

Price: £ 155.00

Size: 7 × 10

Pages: 286

Year: 2025

**About the Book:** The development of DNA markers has been magnificent and inspiring. DNA markers have proven to be effective tools for a variety of investigations, from phylogenetic analysis to the positional cloning of traits. The development of high-thickness subatomic maps, which has been aided by PCR-based markers, has made it possible to map and identify just about any trait imaginable. The development of DNA markers has made a variety of DNA markers and atomic rearing techniques available to plant breeders and geneticists, enabling them to overcome many of the problems encountered during conventional breeding. The use of DNA marker technology in the hereditary analysis and development of plants is extensively discussed in this book. This book discusses the use of novel DNA markers for hereditary improvement of plants. Its information will be extremely helpful to teachers, students, and researchers in several sectors of the life sciences. Even though this book has its drawbacks, it is still a great resource that should be suggested for any graduate-level crop physiology education. I'm also confident that even seasoned crop physiologists would benefit from reading it.



## Changing Environmental Conditions and Water Resources

**Flanders**

ISBN: 9781835351109

HB

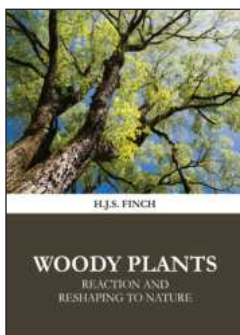
Price: £ 160.00

Size: 7 × 10

Pages: 302

Year: 2025

**About the Book:** A crucial issue that is at the forefront of global policy change, administration, and planning is water. Concerns regarding water as a renewable resource, its accessibility to a variety of users, the health of aquatic ecosystems, and worldwide problems with climate change, water security, water commerce, and water ethics are all on the rise. The world has been made aware of the changing climate by events during the past year. To maintain our health, we require a consistent, clean supply of drinking water. Water is also necessary for agriculture, the development of energy, navigation, leisure, and manufacturing. Many of these applications impose stress on water resources, and climate change is expected to make matters worse. This book offers the most recent theories and information on water logging and salinity, sedimentation, land use, eutrophication, fisheries, and aquatic weeds. Experts from nine different nations have contributed to it. Additionally, readers will learn about social implications, financial tools, starting ecologically friendly projects, water quality modelling and monitoring, water reuse, and other topics.



## Woody Plants: Reaction and Reshaping to Nature

H.J.S Finch

ISBN: 9781835351284

HB

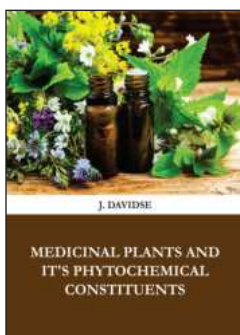
Price: £ 170.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** Over the past century, the savannah biome has experienced widespread woody encroachment as a result of climatic or disturbance regime changes, with negative ecological, hydrological, and economical effects. Over a five-year period, we measured changes in tree density and basal area and predicted changes in how much rain the canopies intercepted. The most recent and important developments in the study of woody plant stress are covered in the book Adaptations and Responses of Woody Plants to Environmental Stresses. You can learn about cutting-edge research on woody plant propagation, the biology of dormancy induction and release, as well as physiologic, molecular, and cellular mechanisms, in this book. Graduate students, teachers, and researchers with interests in plant stress physiology in botany, horticulture, agriculture, landscape architecture, or forestry would find this book useful.



## Medicinal Plants and It's Phytochemical Constituents

J. davidse

ISBN: 9781835351413

HB

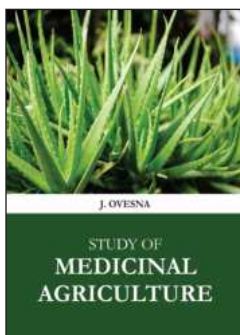
Price: £ 155.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** Due to their dependable pharmacological activities and accessibility to the general public, medicinal plants and herbal medicines are currently attracting widespread interest in scientific circles due to their effectiveness in controlling a variety of ailments. There have been attempts to cover all facets of medicinal plants. In order to achieve this, chapters provide comprehensive information on history, the isolation and characterization of active principles, the transformation of the medical system, the use of medicinal plants widely recognised for their ability to treat specific diseases, the export of medicinal plants and phytochemicals, ideas for enhancing the medicinal crop industry, etc. Phytochemicals are organic plant substances that are biologically active and have the potential to fend off disease. These phytochemicals' antioxidant effects are recognised to help them fight disease. An understanding of ethno-medical data and the chemical components of plants is desirable not only for the discovery of therapeutic agents but also because such data are of great value in revealing a new source for affordable phyto-chemicals for the synthesis of chemical substances and for determining the true significance of ethno-medical remedies.



## Study of Medicinal Agriculture

J. Ovesna

ISBN: 9781835351499

HB

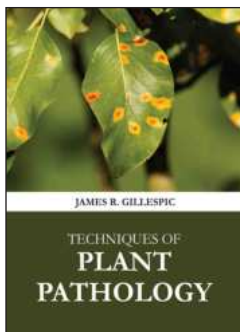
Price: £ 170.00

Size: 7 × 10

Pages: 378

Year: 2025

**About the Book:** Medicinal plants play a significant role in the fields of socio-economics, culture, spirituality, and medicine. By cultivating, managing, and harvesting them sustainably, we can protect biodiversity, maintain human and environmental health, and provide jobs, income, and export revenue. The thorough covering of the fundamental ideas, present methods, and emerging developments in the field of preservation and cultivation of medicinal plants is provided in the book "Medicinal Plant and Their Cultivation System." This book incorporates new ideas and difficulties connected to ethnobotany, herbal remedies, conservation, and the production and use of medicinal plants. It also updates the subject matter, pictures, and problems. We anticipate that this book will offer a multidisciplinary platform for the examination of recent developments in the study of ethnobotany, medicinal plants, and herbal remedies. The children, instructors, and anybody else who reads this book will find it useful.



## Techniques of Plant Pathology

James R. Gillespie

ISBN: 9781835351567

HB

Price: £ 165.00

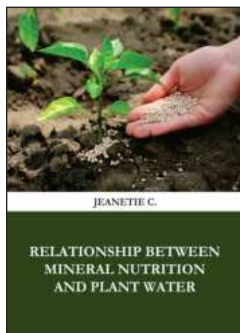
Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** Plant pathology focuses on managing diseases brought on by nematodes, bacteria, viruses, and fungi. But it wasn't until we understood the pathogens' life cycles and the microbial nature of the diseases that the scientific concepts underlying plant disease control became clear. Plant pathology focuses on managing diseases brought on by nematodes, bacteria, viruses, and fungi. But it wasn't until we understood the pathogens' life cycles and the microbial nature of the diseases that the scientific concepts underlying plant disease control became clear. The scientific approach to the issue has produced significant and profitable outcomes, primarily through the development of numerous control techniques to resist various crop plant enemies. Plant pathologists are in charge of researching plant diseases. Plant pathology and other sciences including botany, mycology, microbiology, genetics, chemistry, horticulture, agronomy, and soil science are intimately related. To get insights into the genesis of diseases and their control, plant pathologists integrate and utilise data from several of these sciences. Students, educators, and researchers in the fields of plant pathology, botany, and agricultural sciences will find this book to be of great use.





## Relationship Between Mineral Nutrition and Plant Water

Jeanette C.

ISBN: 9781835351604

HB

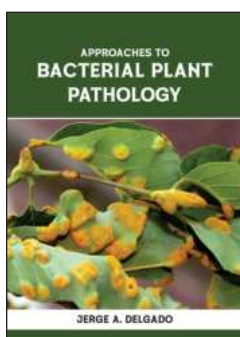
Price: £ 160.00

Size: 7 × 10

Pages: 328

Year: 2025

**About the Book:** Given that water is necessary for both plants and animals, understanding how plants relate to water is crucial. It acts as a conduit for the disintegration of materials. Every day, plants absorb a tremendous amount of water, and they lose a sizable amount through transpiration varying plant categories require varying amounts of water. Through their root systems, plants take up water and soluble mineral salts from the soil. The presence of unicellular root hairs on the roots helps with this absorbing function. These single-celled root hairs sporadically invade the gaps between soil particles. The water that surrounds these soil particles in the form of thin films is absorbed by these root hairs. The majority of the mineral nutrients needed by plants are extracted from solutions in the soil or water. The majority of mineral nutrients come from the weathering of minerals found in the Earth's crust, hence their name. Mineral nutrients are the inorganic components of soil that plants use as a source of nutrition. The book is appropriate for setting up a plant, water, mineral, and quality control laboratory. The main goal is to assist in providing fertiliser recommendations for the highest possible yield.



## Approaches to Bacterial Plant Pathology

Jerge A. Delgado

ISBN: 9781835351628

HB

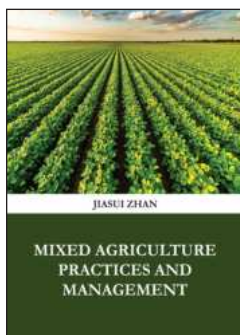
Price: £ 150.00

Size: 7 × 10

Pages: 358

Year: 2025

**About the Book:** Bacteria are thought to have a simple structural design, but they have a wide range of metabolic capabilities. They are abundant practically everywhere on Earth. Both dangerous and helpful microorganisms exist. Beneficial bacteria have a role in a variety of activities, including animal digestion, the fixation of nitrogen in the roots of some legumes, the breakdown of animal and plant waste, and sewage disposal systems. On the other hand, pathogenic microorganisms cause serious and frequently fatal diseases in people, animals, and plants. It is hardly surprising that plant pathology has changed significantly in the modern era given the speed at which biotechnology has developed. The constant improvement of biotechnology concepts and methods, notably that of genetic engineering, has tremendously assisted the research of plant illnesses, their causes, and the changes they induce in the cells, tissues, and organs. This book is an effort to give readers with a pertinent book that familiarises them with the most recent advancements and breakthroughs in the field of plant pathology. Critical viewpoints that examine the advantages, difficulties, and future possibilities of these movements are covered in the book. The book is meant to serve as a resource for undergrad practical classes.



## Mixed Agriculture Practices and Management

Jiasui Zhan

ISBN: 9781835351659

HB

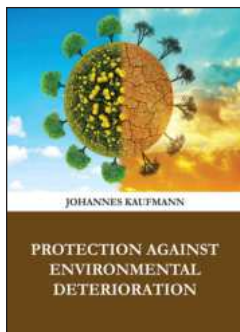
Price: £ 150.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** Growing suitable salt-tolerant crops, managing seedbeds, and grading fields to reduce local salt accumulation are the main components of crop management practises for the safe use of salt-affected soils and saline water. Other practises include soil management, improving irrigation efficiency, and soil, water, and salinity monitoring for determining leaking and drainage requirements. An entire farm management approach called "integrated farming" strives to provide more sustainably produced food. It is a flexible strategy that may be used with any farming system in the world. You must also choose how to best integrate cover crops into your system—whether they should be planted after the main crop, intercropped throughout some or all of the main crop's growth, or grown for the full growing season to improve the soil. The ideal situation would be to always have something growing in your fields, even if it is dormant during the winter. The book satisfies the need for a current, comprehensive text on crop management and integrated farming in a range of contexts and thoroughly covers the material covered in the Field Crops and Farming Systems in Agronomy courses offered to students at the undergrad and grad levels of agricultural universities across the nation.



## Protection against Environmental Deterioration

Johannes Kaufmann

ISBN: 9781835351703

HB

Price: £ 150.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** The fate of the poor and the fate of the planet (Earth) have become intimately intertwined as a result of the relationship between environmental degradation and economic decline (which exacerbates poverty). Sustainable development attempts are thwarted by poverty and environmental degradation. One of the main dangers being studied in the globe today is environmental deterioration. The environment is seen as corrupted and damaged when common resources are depleted or environments are destroyed. One of the main governing principles for the nation's economic development is thought to be environmental management. No sector of society can ignore the fundamental importance that environmental protection now carries. This book is the result of the combined efforts of the scientific community and the general public to establish practical environmental management techniques for both urban and rural areas. For students and scholars interested in the study of the environment, the book would be very helpful. Government officials and NGOs interested in environmental and pollution issues might also find it valuable.



## Pollution Control through Biological Means

Levine

ISBN: 9781835351956

HB

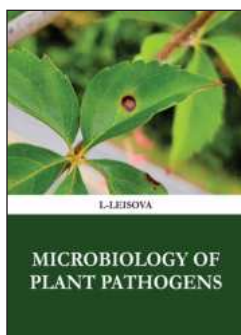
Price: £ 165.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** Biological control refers to the management of pests by biological organisms. In order to decrease the number of pest organisms, a natural enemy, such as a parasite, predator, or disease organism, is either introduced into the environment of a pest or, if it is already there, is encouraged to grow and become more potent. In environmental engineering, pollution control refers to any of the many strategies used to reduce environmental impact from the release of dangerous materials and energies. Refuse disposal techniques include sanitary landfills, vehicle emission controls, sedimentation tanks in sewage systems, the electrostatic precipitation of pollutants from industrial gas or recycling are a few examples of specific pollution control techniques. As environmental pollution control technologies have advanced and gotten more expensive, there has been an increase in interest in how to design industrial processes with prevention in mind in order to reduce negative environmental effects while boosting industry competitiveness. The possibility to eliminate worker exposure to health concerns is one of the advantages of pollution control strategies, clean technology, and hazardous use reduction. Researchers, environmentalists, social activists, policy planners, and others will find this book to be a gold mine of knowledge.



## Microbiology of Plant Pathogens

L-Leisova

ISBN: 9781835351994

HB

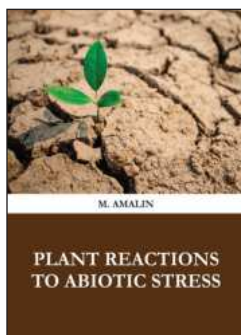
Price: £ 160.00

Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** Plant pathogenic bacteria are more common than fungi or viruses, but they also cause fewer severe plant diseases over the world, as well as less physical harm and financial loss. Most plants, both cultivated and wild, have intrinsic defences against many diseases. However, many plants can harbour infections without showing any symptoms. Many people are aware that plants can transmit sickness through bacteria if consumed after improper cleaning. E. coli or listeria is the most well-known of these ailments. Many people don't realise that plants can also contract diseases brought on by bacteria that compromise the health of the plant's cells. While the majority of bacteria are unharmed to plants, there are those that can kill a plant or do great damage to it. Bacterial illnesses are common and challenging to recognise and manage. There aren't many insecticides available for use in control, and many plant pathologists lack the knowledge necessary to effectively manage bacterial illnesses. For students, academic and industrial scientists, farmers, extension agents, and other people who work with susceptible crops, Bacterial illnesses of Crop Plants provides comprehensive information on bacterial illnesses of crops.



## Plant Reactions to Abiotic Stress

M. Amalin

ISBN: 9781835352083

HB

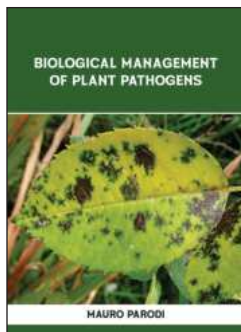
Price: £ 155.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** The biggest barriers to increased agricultural productivity are environmental pressures. Abiotic factors, such as temperature extremes, drought, salinity, heavy metals, and radiation, can also negatively impact plant growth and yield in addition to the biotic stress brought on by plant diseases. To adapt to these stressful environmental conditions, several plant species and ecotypes have developed various strategies. Recent developments in our understanding of these abiotic stress responses served as the catalyst for gathering current reviews covering all pertinent subjects in plant signalling in response to abiotic stress in one volume. Selected specialists prepared topical reviews, which include an introduction, a discussion of the current state of the art, and significant tasks for the specific disciplines' future. The book provides information on salinity-induced oxidative stress, halophytes' strategies for surviving in a salty environment, and tolerance mechanisms. It also discusses physiological and molecular responses, the role of signalling molecules and plant phenolics in abiotic stress tolerance.



## Biological Management of Plant Pathogens

Mauro parodi

ISBN: 9781835352205

HB

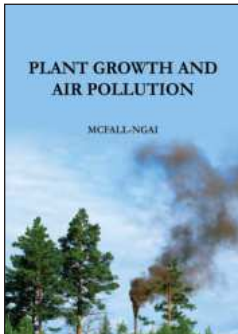
Price: £ 170.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** In order to suppress the activities and populations of one or more plant pathogens, introduced or native living creatures that are not disease-resistant host plants are used as biological controls. Because of their special capacity to endure in the environment and lessen the severity of the diseases, microorganisms have attracted attention for the management of diseases. To help you create a sustainable environment that doesn't rely on dangerous and unhealthy agrochemicals, Biological Control of Plant Diseases delivers the most recent scientific findings on disease management. Biological control is the prevention of disease development by a pathogen through the administration of biological agents to a host animal or plant. More research must be done in order to develop less developed aspects of biological control, such as the creation of novel formulations, comprehension of how environmental factors affect biocontrol agents, mass production of biocontrol microorganisms, and the application of biotechnology and nanotechnology to the advancement of biocontrol mechanisms and strategies. Students, professors, researchers, botanists, plant pathologists, and agriculturalists will find the book useful and generally favourable.



## Plant Growth and Air Pollution

McFall-Ngai

ISBN: 9781835352229

HB

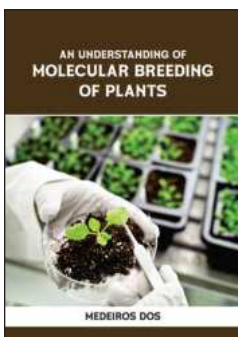
Price: £ 155.00

Size: 7 × 10

Pages: 298

Year: 2025

**About the Book:** There is currently a lot of worry about how air pollutants, especially sulphur dioxide, ozone, and oxides of nitrogen, can change how plants function and impact growth patterns. Leaf cuticles are harmed by air contaminants, which also impact stomatal conductivity. Additionally, they may have an immediate impact on a plant's photosynthetic processes, leaf tenacity, and carbon allocation patterns. Pollutants interact with other environmental elements and can change regional patterns of plant-environment connections. McFall-Ngai summarises existing understanding of the impacts of air pollution on plant growth and physiology in this book and identifies new research avenues that are now being pursued in North America and Europe.



## An Understanding of Molecular Breeding of Plants

Medeiros Dos

ISBN: 9781835352236

HB

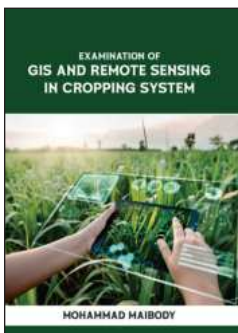
Price: £ 160.00

Size: 7 × 10

Pages: 282

Year: 2025

**About the Book:** The most recent genetic technologies are used in molecular plant breeding (MPB) to create improved crop plant types. In molecular plant breeding, two molecular technologies—molecular marker technology and transformation technology—are employed. From traditional to genetic methodologies used for crop improvement, Molecular Plant Breeding aims to give a comprehensive picture of plant breeding. In recent years, DNA marker technology has advanced in a stunning and fascinating way. In a variety of investigations for plant breeding, DNA markers have proven to be useful tools. Plant breeding refers to techniques for the development of enhanced cultivars that are tailored to the demands of farmers and customers. These techniques include the creation, selection, and fixing of superior plant phenotypes. In agricultural and horticultural crops, better yields have usually been the primary objectives of plant breeding. This book is particularly intended for graduate students who are getting their first exposure to plant breeding, specifically B.Sc. agriculture and B.Sc. science students with botany as one of the disciplines. Additionally, it would be helpful for teachers of the topic as well as post-graduate students, particularly those studying botany. The book is written in clear, plain language that everybody can understand.



## Examination of GIS and Remote Sensing in Cropping System

Mohammad Maibody

ISBN: 9781835352328

HB

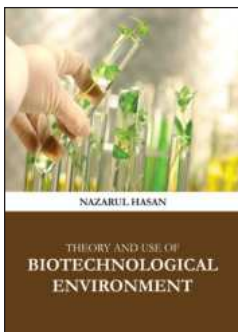
Price: £ 155.00

Size: 7 × 10

Pages: 350

Year: 2025

**About the Book:** Using this book as a resource Instead of relying solely on local point observatories, satellite technology allows us to create a worldwide picture of how the climate is changing. Future satellite data will be more detailed and the inferred patterns will be more distinct, both of which will be very helpful for tracking adaptation. To evaluate an ecosystem's reaction to climate change and its effects, we employ remote sensing data. In order to achieve this, we monitor changes in the carbon cycle and vegetation growth. Climate changes have an effect on vegetation because they vary or disrupt the plant's growing season, which throw off the supposed normal carbon cycle. We are now receiving data that is nearly daily thanks to the development of satellite products, which will allow us to determine the exact beginning and finish dates of the growing season. The details of a vegetation development cycle and production are then deduced using this information as a starting point. For planning and decision-making reasons, such as the distribution and storage of food grains, governmental regulations, pricing, procurement, and food security, this book assists in gathering the crop statistics data that is necessary.



## Theory and Use of Biotechnological Environment

Nazarul Hasan

ISBN: 9781835352397

HB

Price: £ 165.00

Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** A discipline that explores the use of biotechnology to address environmental issues is known as environmental biotechnology. While it includes more recent advancements like the use of bio-pesticides, the bio-remediation of persistent pollutants, and the use of biosensors for environmental monitoring, it also includes more traditional processes like the production of potable water, wastewater purification, solid waste treatment, and soil and sediment cleanup. The broad word "biotechnology" refers to a number of methods for reestablishing ecological equilibrium. It is based on our knowledge of the molecular underpinnings of cell activity and our capacity to change cell function to produce goods needed by society. Additionally, it aids in garbage degradation. Environmental biotechnology refers to the use of biotechnology in the study of the environment. Students, academics, PhD candidates, policy analysts, NGO practitioners, etc. interested in biotechnology studies would find this book useful. This book offers one-of-a-kind resources for comprehending the different facets of environmental biotechnology. This book provides an overview of environmental biotechnology principles and is an important source of knowledge.



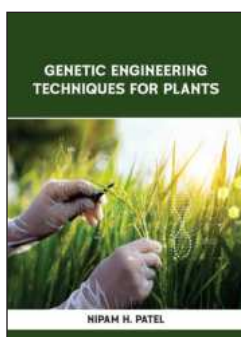


## Infectious Plant Diseases

Nico J. Smit

ISBN: 9781835352410 HB Price: £ 150.00 Size: 7 × 10 Pages: 316 Year: 2025

**About the Book:** Any of the many agents that can wreak havoc on plants is a plant virus. Due to the fact that many plant viruses affect both crop and ornamental plants, they are extremely important economically. Many plant viruses resemble rods and can be easily removed from plant tissue and crystallised. While all of them include ribonucleic acid (RNA), the majority of them are devoid of the lipid membrane present in many animal viruses. This textbook on viral plant diseases discusses many plant viruses, their characteristics, and the corresponding diseases that these viruses cause. It includes separate chapters that describe many viruses as well as the characteristics of plant viruses with symptoms, composition, morphology, nomenclature, and contemporary categorization. The development of novel methods that are employed to precisely characterise the causative viruses of a number of plant virus illnesses is also covered. It also provides information on plant virus serology and updated virus isolation techniques that enable the classification of viruses into related groups. Ecologists, environmentalists, agriculturalists, and other scientists who are interested in plant viruses will find this book to be of great value. Students studying biology will also benefit from this resource.

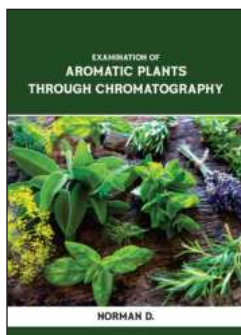


## Genetic Engineering Techniques for Plants

Nipam H. Patel

ISBN: 9781835352434 HB Price: £ 160.00 Size: 7 × 10 Pages: 300 Year: 2025

**About the Book:** Plant genetics has become a fascinating field of study because it has made it possible to manipulate plants' biological systems in ways that have never been possible before. Plant genetics has been used extensively to expand crop fields, enhance crop quality, and lower production costs. New gene combinations with novel properties, including as resistance to pests, diseases, and herbicides, are created by the new transgenic agricultural plants hold significant potential for the future of global agriculture since it is now feasible to create plants that offer components for healthier nutrition, thrive in adverse environments, or create compounds that would otherwise be created through a difficult chemical procedure. An overview of the quickly evolving area of plant genetics and its applications is given in this book. The work has been written in straightforward language to make it simple to understand the intricate concepts of plant genetics. It not only provides the reader with a comprehensive understanding of genetics as a whole, but is also tailored to meet the needs of students studying botany and other related subjects. The book can be used as a reference by researchers and post-doctoral students, university professors, and instructors. It is particularly meant for undergraduates and postgraduates in biology, botany, and biotechnology.



## Examination of Aromatic Plants through Chromatography

Norman D.

ISBN: 9781835352465 HB Price: £ 150.00 Size: 7 × 10 Pages: 278 Year: 2025

**About the Book:** The examination of secondary compounds, minor plant components that are dispersed very unevenly, is one of the main applications of the analytical methods used for medicinal and aromatic plants. Therefore, proper sample preparation and analyte separation are the primary analytical issues that occur. Chromatography is a method used in laboratories to separate mixtures. The combination passes through a structure containing another substance known as the stationary phase after being dissolved in a fluid known as the mobile phase. The components of the mixture separate because they move at different rates. Based on differential partitioning between the mobile and stationary phases, the separation is achieved. Due to their antioxidant properties and ability to replace added salt in foods, aromatic herbs may help to promote human health. One of the main groups responsible for the beneficial effects of aromatic plants, such as the protection of cancer, cardiovascular, and neurological illnesses, are phenolic chemicals. For analysts, quality assurance specialists, and regulators looking for a thorough instruction on how to utilise HPTLC to verify whether botanicals adhere with current, good manufacturing practises, this book is crucial.

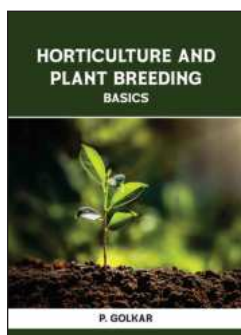


## Engineering of Tissue and Plant Renewal

Oriel M. Taioe

ISBN: 9781835352489 HB Price: £ 160.00 Size: 7 × 10 Pages: 322 Year: 2025

**About the Book:** The term 'tissue culture' can be used to describe any multicellular culture developing on a solid media that consists of many cells in protoplasmic continuity. A callus that lacks any structural or functional similarity to any tissue of the normal plant body is produced by the cultivation of an explant, which may consist of one or more tissues. Tissue culture is a technique for biological study in which small pieces of animal or plant tissue are placed in an artificial setting where they can continue to live and grow. One cell, a group of cells, an entire organ, or a portion of an organ may make up the cultured tissue. The genetic variety known as somaclonal variation" is proven to be a major source of genetic diversity in plant regeneration from cultured cells. New cultivars have been created from a number of somaclones. The most dependable and quick way to create haploids, which are particularly valuable in plant breeding and genetics, is by plant regeneration from microspore/pollen. The primary result of plant tissue culture, which is founded on the principle of totipotency, is plant regeneration. Organogenesis and somatic embryogenesis can be used to regenerate plants. Organogenesis refers to the development of organs from explants grown in culture. This book serves as a fundamental resource for students, academics, and professionals who are interested in the effects of plants on the environment.



## Horticulture and Plant Breeding: Basics

**P. Golkar**

ISBN: 9781835352519

HB

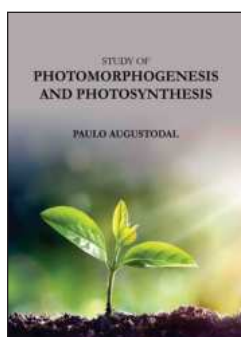
Price: £ 155.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** Vegetables, fruits, flowers, crops, tuber crops, and ornamental, medicinal, and fragrant plants are all grown in horticulture. The course work will give you the knowledge you need to work in a variety of industries, such as floral design, garden centres, teaching, fruit and vegetable production, arboriculture, landscape architecture, etc. You will also be able to learn about crop production, plant propagation, plant breeding, genetic engineering, soil preparation, and plant physiology and biochemistry. Horticulture is the study of methods for growing plants that are intended for high-yielding varieties of crops and plant multiplication. Plant breeding focuses on cultivating plants with traits that promote longevity and increase yields. Plant breeding and horticulture are significant areas of the food industry. This book contains some of the most important research on numerous horticultural and plant breeding-related issues that is being done now. In-depth analysis is done on the different researches that are continuously expanding technologies and this field. This book will be useful to all those involved in this sector, including students, researchers, and professionals.



## Study of Photomorphogenesis and Photosynthesis

**Paulo Augustodal**

ISBN: 9781835352564

HB

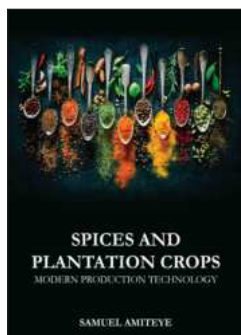
Price: £ 155.00

Size: 7 × 10

Pages: 309

Year: 2025

**About the Book:** A group of intricate protein molecules that are found in and around a highly organised membrane are necessary for the photosynthetic process. The photosynthetic apparatus converts light energy into a stable form that can endure for hundreds of millions of years through a sequence of energy-converting events. Chlorophyll, the green pigment used in photosynthesis, is specifically utilised in the chloroplasts throughout the photosynthesis process. Plant stems, leaves, and other parts rarely or never undergo photosynthesis. While photomorphogenesis may not be frequent in the animal kingdom, it is a characteristic of development in fungus, protists, and bacteria in addition to plants. The knowledge gained from research on plant photomorphogenesis will be the main focus of this module, although there will also be a few instances from other kingdoms. The book is primarily intended to be used as a reference work by emerging plant photobiology researchers.



## Spices and Plantation Crops: Modern Production Technology

**Samuel Amiteye**

ISBN: 9781835352908

HB

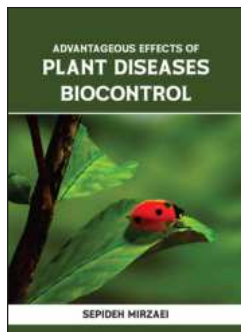
Price: £ 155.00

Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** Spices were among the most demanded and expensive products available in Europe in the middle Ages, the most common being black pepper, cinnamon, cumin, nutmeg, ginger, and cloves. Given medieval medicine's main theory of humorism, spices and herbs were indispensable to balance "humors" in food, on a daily basis for good health at a time of recurrent pandemics. In addition to being desired by those using medieval medicine, the European elite also craved spices in the middle ages, believing spices to be from and a connection to "paradise". Interest in plant-based medications, medicines, perfumery goods, cosmetics, and aromatic chemicals used in food flavours, scents, and natural colours has significantly increased in recent years. This book is a comprehensive reference that covers all the information on spices, plantation crops, medicinal plants, and fragrant plants. It may be used by anyone interested in learning more about spices, medicinal plants, aromatic plants, etc. A book on low volume, high crops that is written in straightforward and intelligible English will be helpful to students, researchers, extension specialists, and commercial producers because it contains information both theoretically and practically.



## Advantageous Effects of Plant Diseases Biocontrol

**Sepideh Mirzaei**

ISBN: 9781835352953

HB

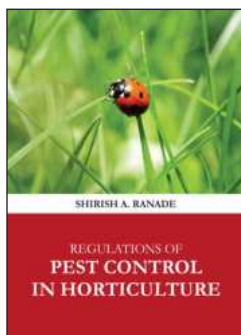
Price: £ 150.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** The demand for agricultural production input reductions while maintaining lucrative yields of high-quality goods is rising as a result of the global sustainability agenda. Plant diseases are a significant barrier to both output and product quality, yet frequently the instruments needed to combat them are insufficient or nonexistent. Long-term research into biological control utilising antagonistic microbes has produced a wide range of products that are now marketed in particular regions of the world. These medications are frequently specialised items with constrained applications. A plant often develops a disease when its normal structure, growth, function, or other activities are persistently interfered with by some causal agent, leading to an aberrant physiological process. Characteristic diseased diseases or symptoms are brought on by this interference with one or more of a plant's vital physiological or biochemical systems. The principal causative agent of plant diseases can be roughly categorised as either infectious or noninfectious. A pathogenic organism is the cause of infectious plant diseases. The book Biological Control of Plant Diseases and Weeds was created by compiling knowledge on the characteristics of biological controls, their use, and their application. The teachers of the subject of biological control will benefit from the foundational knowledge in this book.



## Regulations of Pest Control in Horticulture

**Shirish A. Ranade**

ISBN: 9781835352991

HB

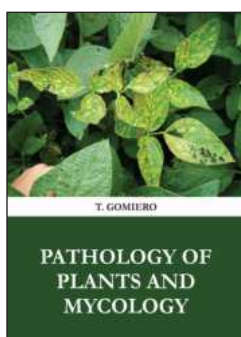
Price: £ 170.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** Pests harm horticulture crops in a number of ways, both directly and indirectly. A classic in its field, this book provides the scientific knowledge needed to identify the various signs of pest damage to horticulture plants and discusses the various treatment methods, including cultural, mechanical, physical, biological, and chemical ones. With the changing climate, horticultural crops have grown more susceptible to plant and disease hazards, posing a serious danger to food security. Horticultural crop diseases not only lower productivity but also negatively impact quality. The idea of IPM was created to address the complexity and diversity of insect issues that affect both the quantity and quality of produce produced. The horticulture crops are a very significant, diverse collection of crops that are vulnerable to numerous insects that lower production. While many cultural and mechanical methods were used in old agriculture to control insect pests, modern agriculture relies heavily on the use of synthetic organic insecticides, which has led to increased resistance and environmental issues. Students, professors, horticultural and plant pathology researchers, seed firms, and growers who want to recognise and control diseases will all benefit from this book.



## Pathology of Plants and Mycology

**T. Gomiero**

ISBN: 9781835353110

HB

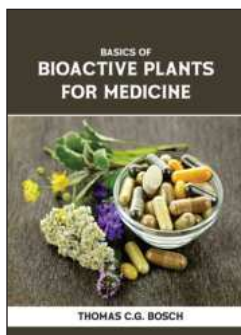
Price: £ 155.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** Mycology, the study of fungi, is a group that includes the mushrooms and yeasts. Many fungi are useful in medicine and industry. The fungi are a group of eukaryotic microorganisms, some of which are capable of causing superficial, cutaneous, subcutaneous, or systemic disease. Fungi are eukaryotic microorganisms. Fungi can occur as yeasts, molds, or as a combination of both forms. Some fungi are capable of causing superficial, cutaneous, subcutaneous, systemic or allergic diseases. Yeasts are microscopic fungi consisting of solitary cells that reproduce by budding. Molds, in contrast, occur in long filaments known as hyphae, which grow by apical extension. The fundamental knowledge of how plants develop, go through their life cycle, and die is known as plant pathology. Plant productivity, health, growth, disease resistance, and harvest can all be significantly improved by the understanding of plant pathology. For students, researchers, scientists, academicians, and farmers, this book is incredibly helpful.



## Basics of Bioactive Plants for Medicine

**Thomas C.G. Bosch**

ISBN: 9781835353141

HB

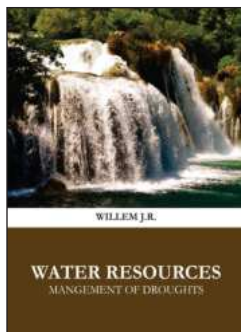
Price: £ 170.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** Plant primary metabolites, such as carbohydrates, amino acids, and simple lipids, which are linked to the process of photosynthesis, produce bioactive principles, also known as plant secondary metabolites. Plants that can be used either directly or indirectly to treat various illnesses are considered medicinal plants. More than 30% of medicinal formulations used worldwide are derived from plants. To aid the suffering of humanity, scientists from all over the world are working to uncover the valuable properties of medicinal plants. Due to their unequalled availability and chemical variety, bioactive principles are the basis for the therapeutic effects of medicinal plants and offer limitless prospects for new drug leads. Standardised plant extracts' positive or negative effects mostly depend on the unique chemical properties of the bioactive ingredients they contain. Biologically active substances called phytochemicals are present in plants and have curative and disease-preventive effects. They have demonstrated chemo preventive and chemotherapeutic effects in some clinical trials as well as in cell lines. Several examples of plant-derived chemicals with anticancer therapeutic effects that do no harm to healthy cells are provided in this section. The current book examines the most recent advancements in plant medicine. It offers crucial details on the many bioactive substances found in plants and how they are used to create medicines.



## Water Resources: Management of Droughts

**Willem J.R.**

ISBN: 9781835353332

HB

Price: £ 165.00

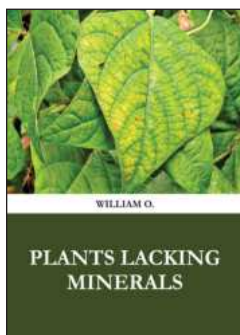
Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** A drought, often known as a drouth, is a natural calamity caused by below-average precipitation in a specific area, which leads to protracted shortages in the water supply, including groundwater, surface water, and atmospheric water. A drought may be declared after only 15 days or it may linger for months or even years. It may negatively influence the local economy as well as the ecological and agriculture of the affected area. The likelihood of a drought and consequent bush fires dramatically increases during the annual dry seasons in the tropics. Heat waves can make drought conditions much worse by accelerating the evaporation of water vapours. All climatic regimes have droughts, which are a regular and recurring aspect of the climate and are typically classified according to their spatial extent. Critically, the current IWRM monopoly in the discourse on global water management is stifling alternative ideas for practical solutions to the current water crises. Researchers, planners, and development professionals will find the book to be very helpful.





## Plants Lacking Minerals

**William O.**

ISBN: 9781835353349

HB

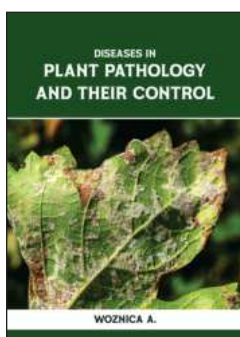
Price: £ 170.00

Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** Only once the nutrient supply is so low that the plants can no longer function normally do nutrient deficiency symptoms manifest. When this happens, fertiliser should have been used long before any symptoms showed up. Early detection of the symptoms may allow for treatment to take place throughout the growing season. Since one of the goals is to get the limiting nutrient into the plant as quickly as possible, foliar sprays or side dressings may be used with some nutrients and in some situations to achieve this goal. Usually, the yield is lower than what would have been obtained if sufficient nutrients had been present at the start. The goods that the grower is interested in are the developing plants, which integrate all development variables. Therefore, a thorough examination of the developing plant can assist in locating a particular nutrient stress. Typical signs may show up if a plant is deficient in a specific nutrient. A nutritional deficiency does not immediately result in symptoms. The current book explains how to spot deficiencies in the various mineral plant nutrients in widely cultivated agricultural and horticulture crops.



## Diseases in Plant Pathology and Their Control

**Woznica A.**

ISBN: 9781835353363

HB

Price: £ 155.00

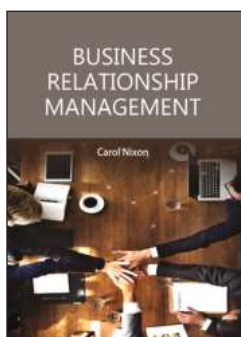
Size: 7 × 10

Pages: 294

Year: 2025

**About the Book:** The scientific study of plant illness brought on by infections (infectious diseases) and environmental circumstances (physiological variables) is known as plant pathology. Fungi, oomycetes, bacteria, viruses, viroids, virus-like organisms, phytoplasmas, protozoa, nematodes, and parasitic plants are examples of the organisms that cause infectious disease. Plant resistance that prevents disease development and disease development itself are not well understood. The development of plant resistance and the detection of causative agents are both made possible by the application of proper diagnostic tools and procedures in molecular plant pathology. However, this mentality change has led to the development of more comprehensive and integrated illness management strategies. Single, frequently harsh measures like applying pesticides, fumigating the land, or burning are no longer frequently used. Furthermore, rather than using a calendar or a prescription, illness management practises are frequently chosen based on disease forecasting or disease modelling. Although it is frequently challenging to distinguish between the two notions, especially in the application of specific interventions, disease management may be considered as proactive while disease control is reactive. To meet the needs of students, this book has been formatted to cover a variety of plant pathology topics.

# Business & Commerce



## Business Relationship Management

Carol Nixon

ISBN: 9781835357231

HB

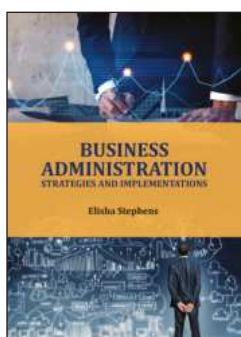
Price: £ 155.00

Size: 7 × 10

Pages: 298

Year: 2025

**About the Book:** Business Relationship Management (BRM) stimulates and shapes business demand for a provider's products and services, ensuring that their value is captured and optimized. Relationship management involves an ongoing engagement strategy between an organization and its audience or supply chain. This can occur in business-to-consumer (B2C) or business-to-business (B2B) contexts, aiming to create partnerships rather than transactional relationships. This is achieved through sales, service, and data analysis. BRM employs techniques and disciplines similar to Customer Relationship Management (CRM). While CRM typically focuses on external customers, BRM deals with a company's internal business partners or internal providers' products and services. This approach fosters better internal collaboration and efficiency, enhancing overall business value. The book on BRM is essential for students of business marketing, purchasing, business networks, and relationship management at the MBA and final-year undergraduate levels. It also serves as a valuable resource for managers in various business market roles, including purchasing, marketing, technical development, and distribution. The book offers insights into building effective business relationships that go beyond mere transactions to foster long-term partnerships and optimize business performance.



## Business Administration: Strategies and Implementations

Elisha Stephens

ISBN: 9781835357330

HB

Price: £ 165.00

Size: 7 × 10

Pages: 258

Year: 2025

**About the Book:** A business administrator, typically someone who has studied business administration, oversees a company's daily operations and long-term planning. Managers in business administration direct activities to help organizations achieve their goals, and their efficiency and effectiveness are measured by how well they meet objectives. Managerial roles are reciprocal, involving interaction and dependence between parties. The administrative process is crucial, and managers must understand their role within it. Marketing is a key department within business administration, responsible for developing and coordinating efficient sales systems for specific markets. Human Resources (HR) is also vital, focusing on selection, hiring, recruitment, training, and development to ensure the company has the right personnel aligned with its objectives. This book is designed to help students understand management principles, offering a review of key concepts and a sample test. It serves as a clear and concise guide for those looking to grasp the fundamentals of management.



## Office Management

Elisha Stephens

ISBN: 9781835357347

HB

Price: £ 170.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** Office management involves designing, implementing, evaluating, and maintaining work processes to improve efficiency and productivity. It is a crucial part of overall business administration, encompassing forecasting, planning, organizing, commanding, controlling, and coordinating. Effective office management ensures that the activities of a group of people align with business objectives efficiently and economically. This role spans various fields, each with unique aspects. For example, legal office management requires practical law experience and a deep understanding of legal procedures. Law office managers oversee administrative assistants, payroll, and human resources within a legal practice. The book on office management focuses on creating a productive work environment, guiding office personnel, and coordinating activities to achieve business goals. It offers insights into planning, designing, and implementing office work processes, making it an essential resource for understanding and mastering office management principles.



## Retail Management

Harry Chambers

ISBN: 9781835357408

HB

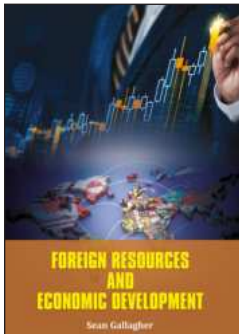
Price: £ 155.00

Size: 7 × 10

Pages: 284

Year: 2025

**About the Book:** Retail is a crucial element of the supply chain, where products are sold to end users. Retailers buy goods in large quantities from producers and sell them in smaller quantities to consumers. Retailing involves buying and selling goods and services, ensuring timely delivery at competitive prices. It requires direct customer interaction and coordination of business activities from product design to delivery and post-delivery services. Retail significantly contributes to economic growth and is one of the fastest-changing industries. A Retail Management System (RMS) helps small and midsize retailers automate store operations. RMS software manages point of sale, operations, inventory control, pricing, sales promotions, customer management, employee management, reports, and information security. This book provides insights into rural marketing and explores challenges faced by retail business management in the modern era.



## Foreign Resources and Economic Development

Sean Gallagher

ISBN: 9781835359983

HB

Price: £ 160.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** Economic development encompasses the economic impacts of tourism on destinations, considering the speed and extent of associated transformations. Tourism fosters economic development through small or micro enterprises, benefiting individual entrepreneurs with limited funds and collaborations requiring minimal finance. Examples include stores catering to tourists and selling locally crafted souvenirs. Economic development ensures all society segments benefit from economic growth through efficiency and equity, minimizing negative externalities like agency, transaction, secondary, and opportunity costs. Fragmentation of nations along ethnic lines hinders formidable economic development regardless of government form. The book explores tourism's varied impacts and responses across Europe, evaluating current trends, policy issues, and options in political, social, economic, and environmental contexts.



## Business Organisation and Management

Carol Nixon

ISBN: 9781835357248

HB

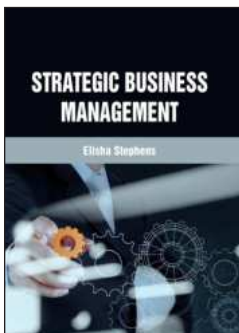
Price: £ 160.00

Size: 7 × 10

Pages: 282

Year: 2025

**About the Book:** A Business Organization is formed to engage in buying and selling activities under legal frameworks governing contracts, property rights, and incorporation. It manages and plans various activities, coordinating resources like manpower, materials, finances, and machinery to produce goods and services efficiently. Legal status affects how businesses operate, with governments offering incentives and regulations to support different types of organizations. Business management involves coordinating and administering activities, tasks, and resources to achieve objectives. This includes supervising staff, overseeing operations, and planning infrastructure for future optimization. Managers and directors hold responsibility and authority to make decisions, whether within a small entity or across multinational corporations.



## Strategic Business Management

Elisha Stephens

ISBN: 9781835357354

HB

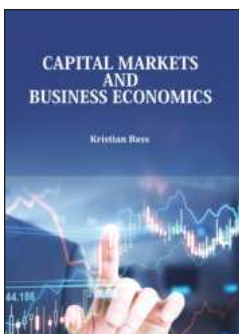
Price: £ 150.00

Size: 7 × 10

Pages: 294

Year: 2025

**About the Book:** Strategic management involves managing an organization's resources to achieve goals by setting objectives, analyzing the competitive environment, evaluating internal capabilities, and executing strategies across the organization. It aims to enhance competitiveness through effective deployment of resources and personnel. This ongoing process includes strategy evaluation, internal analysis, and continuous execution to improve operational efficiency, market position, and profitability. Strategic management is crucial for organizational leadership to plan for the future and fulfill board responsibilities. It encompasses innovative thinking, strategic planning, and operational strategizing, incorporating customer feedback, employee contributions, and industry best practices. This book offers a straightforward approach, integrating multiple topics to provide immediate value for students and practitioners alike.



## Capital Markets and Business Economics

Kristian Bass

ISBN: 9781835357514

HB

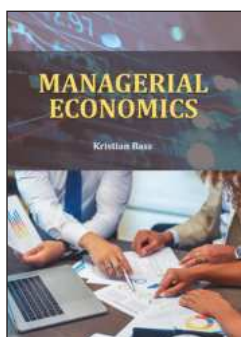
Price: £ 160.00

Size: 7 × 10

Pages: 266

Year: 2025

**About the Book:** The term capital market refers to the spaces, both physical and digital, where various entities trade financial instruments such as stocks, bonds, currencies, and commodities. Major financial centers like New York, London, Singapore, and Hong Kong host these markets where funds are exchanged between suppliers (banks and investors) and seekers (businesses, governments, individuals). Capital markets facilitate the sale of equities and debt securities through primary and secondary markets, including well-known venues like the stock and bond markets. Business economics applies economic principles to analyze financial, organizational, market-related, and environmental issues encountered by corporations. It covers topics such as scarcity, production factors, distribution, consumption, and managerial economics. Business economics examines how external economic factors influence business decisions, such as regulatory changes or shifts in raw material prices. This comprehensive book is valuable for researchers, policymakers, civil society organizations, and students studying economy, politics, and society.



## Managerial Economics

**Kristian Bass**

ISBN: 9781835357521

HB

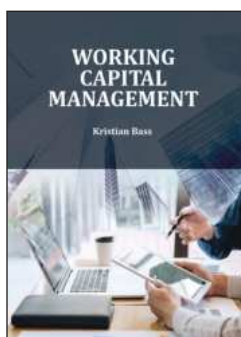
Price: £ 165.00

Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** Managerial economics is a branch of economics involving the application of economic methods in the organizational decision-making process. Economics is the study of the production, distribution, and consumption of goods and services. Managerial economics involves the use of economic theories and principles to make decisions regarding the allocation of scarce resources. Managerial Economics requires a lot of creativity and logical thinking to come up with a solution. A managerial economist should possess the art of utilizing his capabilities, knowledge, and skills to achieve the organizational objective. Managerial Economics is also considered as a stream of science as it involves the application of different economic principles, techniques, and methods, to solve business problems. Managers typically deal with the problems relevant to a single entity rather than the economy as a whole. It is therefore considered an integral part of microeconomics. In economics, inflation is a rise in the general level of prices of goods and services in an economy over a period of time. When the price level rises, each unit of currency buys fewer goods and services; consequently, annual inflation is also an erosion in the purchasing power of money – a loss of real value in the internal medium of exchange and unit of account in the economy. A chief measure of price inflation is the inflation rate, the annualised percentage change in a general price index over time. Managerial Economics is a science dealing with effective use of scarce resources. It guides the managers in taking decisions relating to the firm's customers, competitors, suppliers as well as relating to the internal functioning of a firm. It makes use of statistical and analytical tools to assess economic theories in solving practical business problems. The primary goal of this book is to help business students become architects of business strategy rather than simply middle managers plodding along the beaten path of others.



## Working Capital Management

**Kristian Bass**

ISBN: 9781835357538

HB

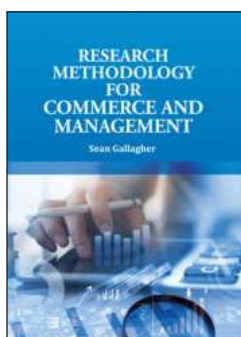
Price: £ 170.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** Working capital management involves overseeing a company's assets and liabilities to ensure it maintains enough cash flow for short-term operational costs and debt obligations. It focuses on managing accounts receivable, accounts payable, inventory, and cash, while tracking ratios like the working capital ratio, collection ratio, and inventory turnover. Effective management improves cash flow and earnings quality by optimizing resource use. Strategies in working capital management may face challenges from market fluctuations or trade-offs between short-term gains and long-term success. Managing accounts receivable is crucial for short-term liquidity, involving credit policy management, payment monitoring, and collection improvement. The collection ratio measures the average days to receive payment after credit sales, affecting cash accessibility and potential growth. This comprehensive book is valuable for university and college teachers, chartered accountants, company secretaries, M.Com., B.Com., MBA students, and professionals in financial management and research. It serves as a practical reference for understanding and implementing effective working capital management strategies.



## Research Methodology for Commerce and Management

**Sean Gallagher**

ISBN: 9781835359990

HB

Price: £ 165.00

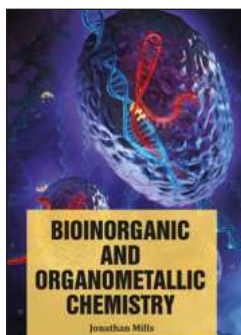
Size: 7 × 10

Pages: 284

Year: 2025

**About the Book:** Research is the scientific investigation of phenomena, involving the collection, presentation, analysis, and interpretation of facts to align speculation with reality. It is a systematic search for relevant information on a specific topic, considered an art of scientific inquiry in academic contexts. The process of gathering data for research projects is termed research methodology, applicable to both theoretical and practical studies such as management research integrating strategic concepts and operational planning. This book serves practitioners, researchers, students, and faculty in business, providing supplementary and reference material for postgraduate and research studies in commerce, management, and related social sciences. Economic methodology examines methods, particularly the scientific approach, in economics, exploring the principles underlying economic reasoning. Philosophy and economics intersect in discussing methodology. The book compiles papers—conceptual and empirical—covering specialized areas of research in commerce and management.





## Bioinorganic and Organometallic Chemistry

Jonathan Mills

ISBN: 9781835357491

HB

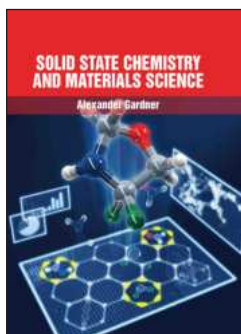
Price: £ 155.00

Size: 7 × 10

Pages: 280

Year: 2025

**About the Book:** Bioorganometallic chemistry explores biologically active molecules where carbon is directly bonded to metals or metalloids. While main-group and transition-metal centers are crucial for enzyme and biomolecule function, naturally occurring bioorganometallic compounds are rare, with vitamin B12 (cobalamin) cofactors being notable examples. Organometallic compounds feature at least one bond between a metallic element and a carbon atom from an organic molecule, including elements like silicon, tin, and boron used in industrial reactions. These compounds catalyze reactions, enhancing polymer and pharmaceutical production rates. Typically, the bond between metal and carbon is covalent; metals like sodium and lithium can confer carbanionic properties to the carbon they bond with. Each chapter in this book stands alone, contributing to an understanding of bioorganometallic chemistry for teachers, students, and social scientists alike.



## Solid State Chemistry and Materials Science

Alexander Gardner

ISBN: 9781835357095

HB

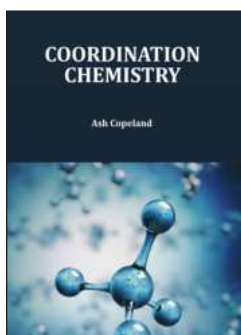
Price: £ 160.00

Size: 7 × 10

Pages: 302

Year: 2025

**About the Book:** Solid-state chemistry, also known as materials chemistry, focuses on synthesizing, studying the structure, and understanding the properties of solid-phase materials, particularly non-molecular solids. It intersects strongly with solid-state physics, mineralogy, crystallography, ceramics, metallurgy, thermodynamics, materials science, and electronics. Solids are classified as crystalline or amorphous based on the order of their constituent particles. Inorganic chemicals like oxides, silicates, and intermetallics are common solid materials studied, using methods from physical chemistry, physics, and crystallography for characterization. Synthetic approaches include molecular and ceramic methods, with theory playing an increasing role in predicting, understanding, and modeling materials. Materials science encompasses the synthesis, structural, optical, and electrical characterization of materials across various scales, crucial for engineering specific physical properties to meet modern needs. This textbook provides a comprehensive, modern treatment suitable for upper undergraduate and graduate students. It emphasizes the relationship between structure, defects, bonding, and properties across a wide range of materials.



## Coordination Chemistry

Ash Copeland

ISBN: 9781835357125

HB

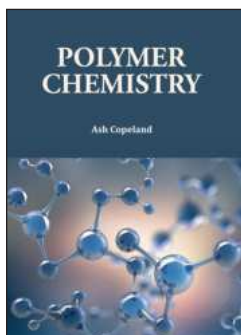
Price: £ 155.00

Size: 7 × 10

Pages: 276

Year: 2025

**About the Book:** Coordination chemistry focuses on the reactivity and properties of complexes containing individual metal atoms or small groups of metal atoms. These complexes feature a central metal ion bound to ligands, which can be atoms, ions, or molecules donating electrons to the metal. The stability of these complexes varies, with donor groups exhibiting differing affinities for the central ion. While there is a general order of stability for donor groups, exceptions abound. Complexes can be neutral or charged, with charged complexes stabilized by neighboring counter-ions. The field of coordination chemistry originated with Alfred Werner's work on cobalt(III) chloride and ammonia complexes. Werner's experiments with hydrochloric acid and silver nitrate demonstrated the varying strengths of ammonia's bond to the central cobalt ion. This text provides detailed concepts in coordination chemistry, aiming to inspire further study and exploration in the field.



## Polymer Chemistry

Ash Copeland

ISBN: 9781835357132

HB

Price: £ 160.00

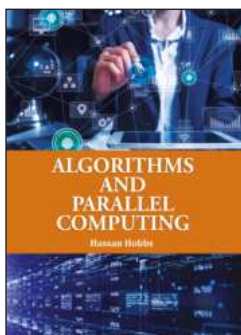
Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** Polymer chemistry is a branch of chemistry focusing on the structures, synthesis, and properties of polymers and macromolecules. It integrates principles from organic, analytical, and physical chemistry. Polymers consist of repeating monomer units, with large numbers referred to as high polymers. They can vary widely in composition, structure, and molecular weight, including copolymers composed of different monomer types. Polymers are ubiquitous in both natural and synthetic forms, encompassing minerals, biological molecules like DNA, and various materials. This book provides a comprehensive overview of polymer chemistry, covering key developments and recent technical achievements. It is aimed at professors, students, and researchers interested in the field.

# Computer Science & Information Technology



## Algorithms and Parallel Computing

Hassan Hobbs

ISBN: 9781835357415

HB

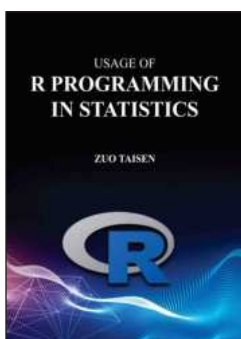
Price: £ 160.00

Size: 7 × 10

Pages: 280

Year: 2025

**About the Book:** An algorithm is a step-by-step sequence that takes inputs, processes them, and produces outputs. In contrast, a parallel algorithm executes multiple instructions simultaneously across different processing units, combining their outputs to generate a final result. This parallelism significantly reduces computational time and can be implemented on parallel computers with multiple processors. Effective parallel programming requires support from specialized programming languages, compilers, and operating systems capable of multitasking. While parallel algorithms often involve concurrency—where multiple tasks are managed concurrently—they are distinct concepts. Sequential algorithms, by contrast, process tasks one after another without parallel execution. This book explores techniques for programming parallel computers, emphasizing the need to manage communication and data dependencies within algorithms or applications.



## Usage of R Programming in Statistics

Zuo Taisen

ISBN: 9781835350034

HB

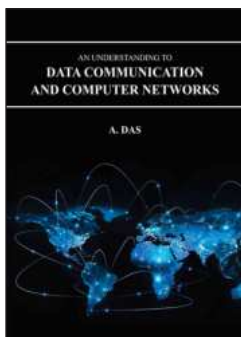
Price: £ 165.00

Size: 7 × 10

Pages: 328

Year: 2025

**About the Book:** Using the free, top-of-the-line, competent programming language R, Fundamental Statistics provides a clear and comprehensive introduction to statistics. This book aims to provide fundamental statistics concepts to students as well as provide fundamental R usage instructions. For various factual presenting and information research systems, PC programming is a key component, enabling the use of massive informative indexes to produce worthwhile results. R is one of the most powerful and flexible measurement software packages available, enabling the user to use a wide range of factual techniques, from simple regression to summarised direct demonstrating. A clear and concise introduction to quantitative research using this efficient and free software is Statistics: An Introduction Using R. Spreads out the entire range of factual techniques likely to be required to analyse the data from research projects, including fundamental techniques like t-tests and chi-squared tests, mainstream techniques like regression and examination of fluctuation, and advanced techniques like summed direct displaying.



## An Understanding to Data Communication and Computer Networks

A. Das

ISBN: 9781835350140

HB

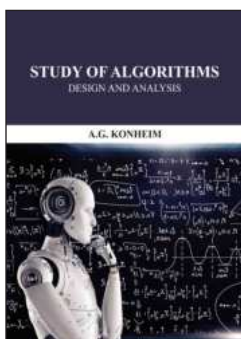
Price: £ 170.00

Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** Information technology that is network-centric is a topic that is covered in depth in Data Communication and Computer Networks. The detailed framework of the core ideas is given to the reader. The operating system, network adapter, adapter drivers, cabling, and protocols used to connect these components are all part of networking. Similar to voice communication, there are numerous data communication techniques, including modulation, multiplexing, and analogue to digital conversion. The smallest network that is highly personal to a user is called a Personal Area Network (PAN). Devices with Bluetooth or infrared capabilities could be considered. Data transmission and computer networks are very exciting topics, so much effort has been made to provide objective problems that will allow the learner to enjoy the exercises while testing his or her comprehension of the ideas.



## Study of Algorithms: Design and Analysis

A.G. Konheim

ISBN: 9781835350157

HB

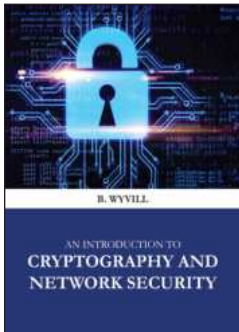
Price: £ 150.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** Technologies or procedures that are widely used in the aerospace and defence industries are included in the critical technology category of design and analysis technologies. This text's excellent structure offers thorough discussion of algorithm design methods. The way that computers process information depends on algorithms. Many computer programmes include algorithms, which list the precise steps a computer should take (in a particular order) to complete a given task, such as calculating employee paychecks or generating student report cards. As a result, any series of operations that can be represented by a Turing-complete system can be regarded as an algorithm. In the field of computer science and information technology, building algorithms to tackle various types of issues requires careful planning and analysis. Explains techniques for representing and searching graphs. A graph is searched by methodically travelling along its edges and stopping at each of its vertices. A graph-searching algorithm can learn a lot about a graph's structure. Many algorithms start by looking through their input graph to find this structural data. The essential ideas and design principles of algorithms are described in the book's opening pages.



## An Introduction to Cryptography and Network Security

**B. wyvill**

ISBN: 9781835350270

HB

Price: £ 170.00

Size: 7 × 10

Pages: 368

Year: 2025

**About the Book:** A key technique that supports the security of data in computer networks is cryptography. The process of transforming regular plain text into unintelligible text and vice versa is known as cryptography. It is a technique for keeping and sending data in a specific format that only the intended audience can read and process. Cryptography can be used for user authentication in addition to safeguarding data against theft and modification. Cryptographic system design must be founded on solid principles. There are several difficulties and research possibilities in Internet security. Serious security and privacy concerns are preventing potential uses like online voting, universal access to medical records, and pervasive e-commerce. Hacker attacks on websites and personal computers are on the rise, which only serves to underline how vulnerable the current computer and network infrastructure is. The function that cryptography plays in ensuring information security for technologies like the Internet, mobile phones, payment cards, and wireless local area networks is thoroughly explained in this book.



## An Introduction to Data Management, Statistical Analysis and Techniques

**B.A. forouzan**

ISBN: 9781835350287

HB

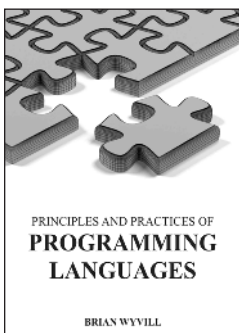
Price: £ 150.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** An extensive approach for dealing with multivariate statistical analysis is provided in Data Management and Statistical Analysis Techniques, which is essential for scientists in all administrative domains, including finance, creation, bookkeeping, advertising, methodology, innovation, and HR. This book's primary goal is to provide doctoral students with a conceptual understanding of the concepts concealed in the most important multivariate systems as well as a visual representation of practical applications. It provides a fair, short overview of each process with emphasis on when each method is appropriate and how to use it. The book, which highlights many models, may serve as a resource or advanced information for industry-connected analysts who need to understand the foundations of the techniques particularly relevant to and frequently used in administrative research.



## Principles and Practices of Programming Languages

**Brian wyvill**

ISBN: 9781835350379

HB

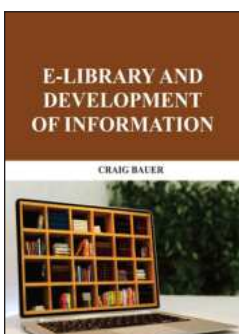
Price: £ 165.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** The study of programming languages is essential to computer science. Every programme is written in a language, and it goes without saying that certain languages are superior to others—at least in some situations. The ongoing need for brand-new languages is a reflection of the shifting standards for building dependable and maintainable software systems. Numerous advancements in language design, language implementation, and programme verification have been made as a result of academic study on the fundamentals of programming languages in an effort to keep up with these evolving demands. Python, Java, JavaScript, PHP, C#, C++, Objective C, Cobol, Perl, Pascal, LISP, FORTRAN, and Swift are examples of high-level programming languages. With a focus on computer programming and operating systems, the book Computer Organisation and Programming gives readers all the fundamental knowledge about computer hardware and software engineering. The most well-known programming language, C, is introduced to the students in this textbook, which also aids them in creating algorithms to handle numerical problems in a variety of ways. This book is divided into four chapters: C Programming, Computer Hardware and Organisation, Operating System, and Introduction to Computers. This book is appropriate for an advanced undergraduate or introductory graduate course on programming language concepts. Instead of being divided into several languages, it is organised around concepts and paradigms.



## E-library and Development of Information

**Craig bauer**

ISBN: 9781835350614

HB

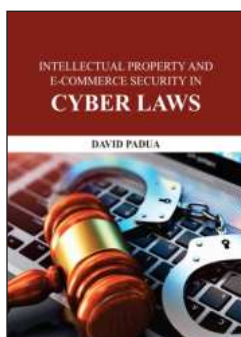
Price: £ 150.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** The explosion of information technology and its applicability to every aspect of life have completely altered the global landscape today. The electronic information era has emerged as a result of the IT revolution and information explosion. It appears to be practical and simple to construct digital collections, repositories, archives, and libraries thanks to advancements in internet technologies. The management and organisation of libraries and archives have undergone significant changes as a result of digital preservation technology. By utilising data processing, data storage, and data transfer technologies, the digital library increases organisational efficiency. This book was designed with both students and professionals in the field of library and information science in mind. All levels of students and professionals in the field of library and information science will find it helpful. It will be useful for individuals who are getting ready to set up a digital library on their own property. This book intends to outline for readers the ideas, procedures, and methods that are involved in managing digital libraries and developing information.

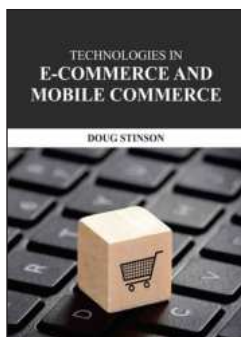


## Intellectual Property and E-commerce Security in Cyber Laws

David padua

ISBN: 9781835350775 HB Price: £ 165.00 Size: 7 × 10 Pages: 338 Year: 2025

**About the Book:** The book provides solutions to significant cyber-legal issues and will aid in legal planning, decision-making, and compliance with cyber laws in the digital world. The legal concerns surrounding the use of the communicative, transactional, and distributive components of networked information devices and technology are often referred to as "cyber law." Cybersecurity is crucial to the continued advancement of information technology and Internet services. Each country's security and economic health depend on enhancing cyber security and safeguarding vital information infrastructure. A legal notion known as intellectual property (IP) refers to works of creative genius for which exclusive rights are acknowledged. Owners are given certain exclusive rights to a variety of intangible assets, such as musical, literary, and creative works; discoveries, under intellectual property law. It is intended that this compilation of cyber laws will serve as a useful manual and reference for everyone involved in internet and information technology activity.

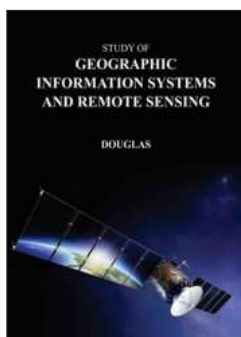


## Technologies in E-commerce and Mobile Commerce

Doug stinson

ISBN: 9781835350867 HB Price: £ 170.00 Size: 7 × 10 Pages: 308 Year: 2025

**About the Book:** You will receive a thorough introduction to the world of e-commerce through this book. We concentrate on ideas that will enable you to comprehend and benefit from the expanding universe of opportunity provided by e-commerce. This is fundamentally changing how business is done and causing significant changes in the global economy. The foundational ideas of e-commerce and e-business strategy are covered in chapters 1 and 2. Chap. 3 describes many e-commerce technology kinds. This chapter also provides information on recent advancements in e-commerce technologies. The numerous forms of e-business models and markets are shown in Chapter 4. The topic of mobile electronic commerce is covered in Chapter 5. Chapter six discusses mobile commerce, solutions for mobile businesses and ubiquitous computing. Chapter 7 details the security measures employed and many more detailing in next more chapters in the book.

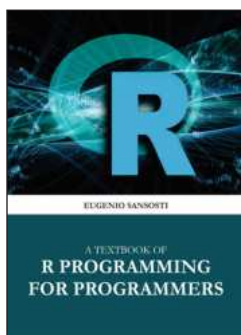


## Study of Geographic Information Systems and Remote Sensing

Douglas

ISBN: 9781835350874 HB Price: £ 150.00 Size: 7 × 10 Pages: 350 Year: 2025

**About the Book:** Earth, resource, and environmental experts now have a new drive thanks to remote sensing. This technological gift from space must be fully utilised to solve the nation's issues. Our planners, leaders, and scientists have been forced to think about improved methods for the management of natural resources as a result of rising population and declining resources. For undergraduate courses in civil engineering, geo informatics engineering, geotechnical engineering, survey engineering, and environmental engineering, Remote Sensing and GIS is specifically created to serve as a foundational text. It will likewise satisfy the prerequisites for introductory courses in geography, geophysics, earth resources management, environmental management, and disaster management. Geographic information systems offer a way to combine and analyse spatial data, such as the location of the closest theatre. A computer-based tool for mapping and analysing objects and events on Earth is a geographic information system (GIS). The book is a resource for professionals that encounter remote sensing and GIS in their job and wish to learn more about its fundamentals and real-world applications to aid in their professional or research activities.



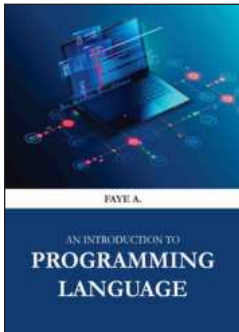
## A Textbook of R Programming for Programmers

Eugenio sansosti

ISBN: 9781835351048 HB Price: £ 155.00 Size: 7 × 10 Pages: 356 Year: 2025

**About the Book:** R for programmers offers helpful tools and techniques for addressing a variety of R programming challenges, assisting you in avoiding errors and stalemates. The creator, who has been using R for more than ten years, outlines the elegance, grandeur, and adaptability that R is known for. The book develops the core skills needed to produce high-quality code that may be applied in a variety of situations. You will gain knowledge of: R's fundamentals, including the common information types and capacities; The benefits and drawbacks of meta programming; guidelines for writing short, memory-efficient code. Utilitarian programming as a useful approach is for handling a variety of challenges. This book shows existing software engineers what makes R unique while also enabling present R users to become R developers.





## An Introduction to Programming Language

**Faye A.**

ISBN: 9781835351093    HB    Price: £ 155.00    Size: 7 × 10    Pages: 366    Year: 2025

**About the Book:** Anyone who wants to learn about the principles involved in creating any kind of software should read the Programming Language textbook, which is a unique and innovative work. This book covers a wide range of subjects, including Java and Logic Programming as well as the first programming language. An artificial language called a programming language can be used to tell a machine how to carry out a specific activity. It must be computationally complete, often known as Turing-Complete, in order to qualify as a generic programming language. However, many people also consider some non-computationally complete languages, such as database query languages and other domain-specific languages, to be programming languages. Machine and assembly languages are "low-level," necessitating that a programmer actively control each unique aspect of data storage and execution on a computer. High-level languages, on the other hand, protect a programmer from worrying about such factors and offer a notation that is simpler for programmers to write and read. By examining a variety of programming languages, this book teaches and illustrates key programming concepts.

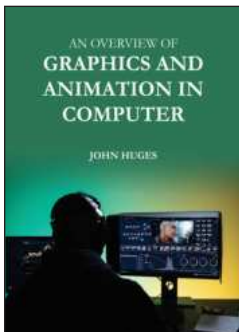


## An Introduction to Cyber Security

**J. Menezes**

ISBN: 9781835351451    HB    Price: £ 150.00    Size: 7 × 10    Pages: 354    Year: 2025

**About the Book:** Cybersecurity describes the procedures used to protect electronic data from theft and loss. Additionally, it is utilised to prevent unauthorised use of these tools and data. Cybersecurity can be used to safeguard everything from private information to sophisticated governmental systems. It applies to both software and hardware as well as data on the Internet. Due to the distributed nature of the underlying infrastructure and the fact that businesses, governments, and individuals all share this problem, cyber security is a widespread issue. The worldwide environment has undergone significant changes as a result of the development of current information technology. These changes include the pace of commercial transactions, the nature of social relationships, and the management of military operations in both peacetime and war. The advancement of information technology allows for new methods of assault and new types of damage, as well as the potential for new attack targets. The theory and practise of cyber security are presented in detail in this book. Its broad breadth includes theory, applied and practical components, as well as the motivations for application and security technique design. It addresses both engineering and management.

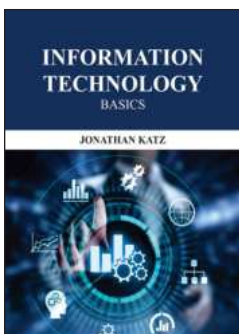


## An Overview of Graphics and Animation in Computer

**John Huges**

ISBN: 9781835351734    HB    Price: £ 165.00    Size: 7 × 10    Pages: 336    Year: 2025

**About the Book:** Any form of image made with a computer is referred to as computer graphics. A computer is capable of producing a huge variety of different kinds of images. Additionally, there are numerous methods for producing those images. Computer-generated images can be exceedingly simple, like lines and circles, or incredibly complex, like fractals and intricately drawn animations. The practise of using computers to produce moving visuals is known as computer animation. It is a branch of computer animation and graphics. Though 2D computer graphics are still commonly employed for low bandwidth and quick real-time rendering demands, it is increasingly developed using 3D computer graphics. The fundamental concept behind animation is to replay the recorded images quickly enough for the human eye to perceive them as continuous motion. A series of lifeless images can be animated to become animated. Animation can be utilised in a variety of contexts, including e-commerce, training, scientific visualisation, computer-aided design, and entertainment. Animation in computer graphics refers to the process of updating a graphic display so that it evolves over time. To implement animation, an image is often shown in its initial form before gradually altering over time to make the individual changes appear seamless from one version of the picture to the next. The book is written with straightforward directions so that even an average student can understand the material through independent study.

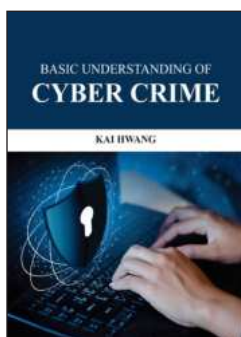


## Information Technology: Basics

**Jonathan Katz**

ISBN: 9781835351758    HB    Price: £ 150.00    Size: 7 × 10    Pages: 314    Year: 2025

**About the Book:** Almost every aspect of human life and existence has been influenced by science and technology. The remarkable scientific and technological advancements have elevated modern society and made it a scientific and technical civilization. Given their significance, science and technology have been included into all levels of schooling. The role of the teacher, who must be well-versed in socialisation, social class influences, teaching ethics, new technologies, research perspectives, usage of the internet, television, management, and professional accreditation in information technology, among other topics, is discussed in the current book. The book's contents contain a lot of information that can help and direct students as they select one of the many professional options to determine the course of their careers. Thus, this book offers both teachers and students a wealth of pedagogical ideas.

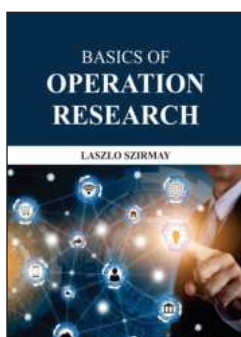


## Basic Understanding of Cyber Crime

kai hwang

ISBN: 9781835351840 HB Price: £ 150.00 Size: 7 × 10 Pages: 308 Year: 2025

**About the Book:** The increasing reliance on computers in modern life is the root of the evil known as cyber crime. Cyber crime has taken on fairly sinister overtones in the modern era, when everything from microwaves and refrigerators to nuclear power plants is run by computers. Law enforcement and society at large are faced with significant issues as a result of cybercrime. To comprehend why and how cybercrime varies from traditional, it is vital to comprehend why and how this is true. It is best described as "Offences that are committed against individuals or groups of individuals with a criminal motive to intentionally harm the reputation of the victim" because of the combination of these two characteristics. This is the exact reason why investigative agencies find cyberspace to be a very challenging environment to navigate. This book examines the social, legal, and technical aspects of cybercrime. Cybercrime is a broad word that covers offences where a computer might be the target, offences where a computer could be a tool used to commit an existing offence, and misdeeds where a computer could play a supporting function like providing evidence for the commission of an act.

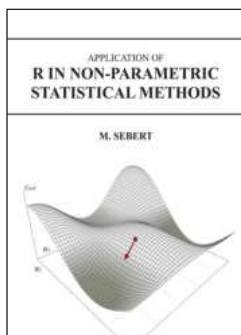


## Basics of Operation Research

Laszlo szirmay

ISBN: 9781835351932 HB Price: £ 165.00 Size: 7 × 10 Pages: 310 Year: 2025

**About the Book:** In the pursuit of more effective decision-making and efficiency, operations research includes a broad range of problem-solving tests. Among the methods employed by an operations researcher include statistics, optimisation, probability theory, queuing theory, game theory, graph theory, decision analysis, mathematical modelling, and simulation. Any system that uses information technology and human activity to assist management, operations, and decision-making is known as an information system. The interaction between algorithmic processes, data, and technology is commonly referred to as an information system in a very wide sense. Operations research is the scientific study of logistic networks to offer decision support at all levels in order to maximise output and distribution of commodity flows. Today's logistical networks have expanded significantly and may span many nations, while customer expectations for service quality have increased in line with ever higher standards. Most people concur that in order to successfully maintain such massive networks, one need to have control over all information flows through the network. This book consists of latest concepts and applications for its users and is really helpful.

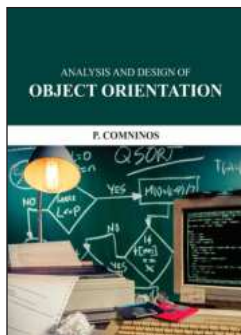


## Application of R in Non-Parametric Statistical Methods

M. sebert

ISBN: 9781835352069 HB Price: £ 170.00 Size: 7 × 10 Pages: 334 Year: 2025

**About the Book:** Statistics without Parameters Standard nonparametric techniques and rank-based analyses are covered when using R, as well as estimate and deduction for models ranging from simple area models to general direct and nonlinear models for uncorrelated and corresponding reactions. Applications and quantifiable calculation are highlighted by the creators. They demonstrate the methods using R, including the packages Rfit and npsm, with a wide variety of real and faked information instances. The book begins by presenting a representation of the R dialect and key factual concepts before addressing nonparametrics. It offers rank-based approaches for one- and two-example problems, relapse model approaches, general settled impacts ANOVA and ANCOVA model calculations, and time-to-occasion analyses. The final two sections address material that has been further refined, such as high breakdown fits for generic relapse models and rank-based inference for bunch-related data. The book provides a schematic of the R dialect and important information. The book can be used as a core text or supplement in a course on related nonparametric or robust tactics as well as a source of perspective for scientists who will eventually need to apply nonparametric and rank-based methods.

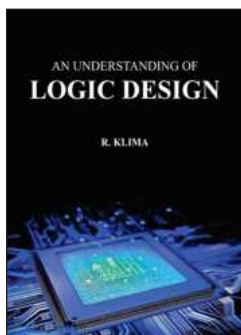


## Analysis and Design of Object Orientation

P. comninos

ISBN: 9781835352502 HB Price: £ 150.00 Size: 7 × 10 Pages: 312 Year: 2025

**About the Book:** The initial technical task carried out as part of object-oriented software engineering is called object-oriented analysis (OOA). Object-oriented analysis and design (OOD) is a technical method for analysing and planning an application, system, or business using object-oriented programming and visual modelling to direct stakeholder communication and product quality throughout the software development process. OOD enables the development of massive applications as separate modules. A way to break down a complicated arrangement into its fundamental components is provided by object-oriented decomposition. Not how to specify the data, but how to create the logic was considered as the programming issue. According to the theory behind object-oriented programming, we should be more concerned with the objects we want to control than with the necessary logic. A style of programming where the types of operations (functions) that can be performed on a data structure are also defined, in addition to the data type of the data structure. By doing this, the data structure is transformed into an object that contains both data and functions. Programmers can also establish connections between several objects. The book has a sufficient length to satisfy the curriculum's requirements and is packed with educational tools that are tailored to the demands of undergraduate students.



## An Understanding of Logic Design

R. Klima

ISBN: 9781835352649

HB

Price: £ 170.00

Size: 7 × 10

Pages: 308

Year: 2025

**About the Book:** A balance between theory and application is sought in the book. Because of this, the book does not overemphasise switching theory's mathematical aspects while yet presenting the theory that is required to comprehend logic design's core ideas. The book offers a thorough understanding of logic design and is written in a manner that is friendly to students. It covers topics like number systems, binary codes, logic gates, Boolean algebra, design of combinational logic circuits, synchronous and asynchronous sequential circuits, etc. while striking a balance between theory and practise. This book's main focus is on emphasising the theoretical ideas and methodical synthesis methods that can be used to create useful digital systems. The graduate students of electronics and communication engineering, electrical and electronics engineering, instrumentation engineering, telecommunication engineering, computer science and engineering, and information technology are the target audience for this comprehensive book.



## C++ Programming for Object Orientation

Rae Earnshaw

ISBN: 9781835352687

HB

Price: £ 165.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** To introduce the idea of object orientation to the C programming language is the main goal of C++ programming. The paradigm of object-oriented programming offers numerous ideas, including polymorphism, inheritance, and data binding. There are various ways that procedural programming languages like C and Pascal and object-oriented programming are distinct from one another. "Objects" is the umbrella term for everything in OOPs. Sending messages to objects is how OOPs is done in its basic form. Overloading refers to giving many definitions of something. Function overloading entails defining different functions with the same name but different signatures. Inheritance is a crucial aspect of C++ classes. A Class in C++ is the fundamental unit of Object-Oriented programming. It is a user-defined data type that may be utilised by creating an instance of the class in order to access and use its data members and member functions. A class functions as an object's blueprint. One of the most fundamental and significant components of C++ object-oriented programming is data abstraction. Abstraction refers to hiding the intricacies and presenting simply the most important facts. Data abstraction is the process of exposing to the outside world only the information that is absolutely necessary while concealing implementation or background information. This book is intended to aid students in comprehending the principles underlying OOP and cultivating the ability to select the appropriate OOP tools for a given situation.



## An Understanding of Architecture in Computer and Parallel Processing

Ricardo Marques

ISBN: 9781835352724

HB

Price: £ 170.00

Size: 7 × 10

Pages: 316

Year: 2025

**About the Book:** Since computer architecture has changed from being a specific computer application to a controlling element of a contemporary computing environment, understanding operating systems has become a crucial component of a computer education. For students taking courses in parallel processing computers and learning computer design architecture, Computer Architecture And Parallel Processing is a technical textbook. The book offers a thorough preparation for the learner by offering a deep and thorough understanding of the basic and advanced principles of parallel computing and design architecture. Data locality and communication are also related to parallel processing. Within the constraints of available technology and human capabilities, parallel computer architecture is the process of allocating all available resources to maximise performance and programmability. This book offers the state-of-the-art in computer architecture with a special balance between theoretical concepts, design methodologies, and actual implementation.



## An Introduction to Software Architecture

Sergio Zybin

ISBN: 9781835352977

HB

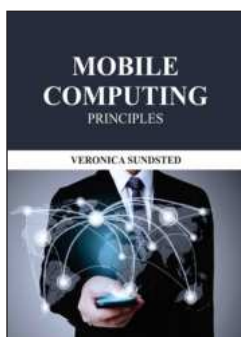
Price: £ 160.00

Size: 7 × 10

Pages: 278

Year: 2025

**About the Book:** High level software system architectures and the discipline used to develop them are referred to as software architecture. Each structure is made up of software elements, their connections, and the attributes of both the elements and the connections. Similar to the architecture of a structure, the architecture of a software system is a metaphor. It serves as a plan for the system and the evolving project, outlining the duties that the design teams must carry out. A system's architecture outlines its main parts, their connections (structures), and how they work together. There are several contributing variables to software architecture and design, including business strategy, quality attributes, human dynamics, design, and IT environment. In recent years, the architecture of micro services has gained in popularity. It depends on creating discrete, independent modules of services, each of which performs a distinct activity or solves a particular problem, and connecting these modules via well defined APIs to achieve the desired business outcome. A comprehensive set of significant methodologies, architectural styles, design principles, and design tools are covered in this volume, which gives a cogent and cohesive approach to the subject of software architecture design.



## Mobile Computing: Principles

Veronica sundsted

ISBN: 9781835353264

HB

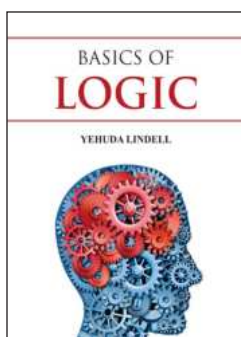
Price: £ 155.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** In this book, Chapters start with the introduction of the topic of mobile computing, provides a brief history and research obstacles, and finishes with a market vision that demonstrates the technology's potential. The Internet Protocol (IP)'s (mobile IP) expansion into the mobile domain is covered in further chapter. Additionally covered are ad-hoc networks and their unique needs in terms of routing protocols. It also discusses the following layer, the transport layer. Next chapter covers various methods for modifying the popular Internet protocol known as transmission control protocol (TCP) to meet the unique needs of mobile communication systems. The fundamentals of wireless technology are explained while using the traditional layers of communication systems and computer science terminology. This chapter covers modulation, multiplexing, and signal propagation. Profound electrical engineering knowledge is not required; however, it is necessary to comprehend the basic principles of wireless transmission to understand the design decisions of higher layer communication protocols and applications. This book is provided all knowledge and really helpful for technical domain students and professionals.



## Basics of Logic

Yehuda Lindell

ISBN: 9781835353448

HB

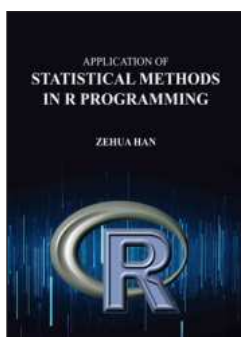
Price: £ 170.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** It is generally accepted that logic—originally defined as “the word” or “what is spoken”—invokes the methodical examination of how arguments are constructed. An argument is considered to be legitimate when there is a clear relationship of logical support between its premises and its conclusion. No one can agree on the precise boundaries and topics of logic, but historically, these have included argument classification, a systematic presentation of the “logical form” shared by all convincing arguments, the study of inference, including fallacies, and the study of semantics, including paradoxes. Historically, philosophy and mathematics have studied logic; more recently, computer science, linguistics, psychology, and other sciences have done the same. The book is on logic and discusses a variety of topics related to it, including the general nature of the inquiry, the use of analogies in arguments, mathematical reasoning, etc. Both those who are interested in logic and logic students will find this book to be of great value.



## Application of Statistical Methods in R Programming

Zehua han

ISBN: 9781835353462

HB

Price: £ 155.00

Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** Knowing and Using Basic Statistical Techniques R impressively overcomes any barrier that exists between analytical procedures and propels in quantifiable writing. The book presents current knowledge and advancements applicable to fundamental systems for managing non-ordinariness, exceptions, heteroscedasticity (unequal changes), and curvature, providing a theoretical foundation for understanding the relative advantages and uses of various strategies. The book uses R programming, which comes with a manual, to look into initial factual hypotheses and established techniques for addressing challenges using exemplary practises. The book includes classroom-tested sections that focus on either R programming or computational topics to help the reader become noticeably familiar with core concepts and standards essential to understanding and using the various computational methods are now useable.



## An Overview of Graphics and Multimedia in Computer

Zhigang

ISBN: 9781835353486

HB

Price: £ 165.00

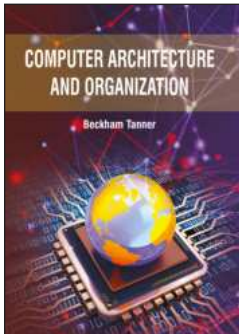
Size: 7 × 10

Pages: 358

Year: 2025

**About the Book:** Today, graphics and multimedia are perhaps the computer-related technologies that get the most attention. These days, the majority of computer-based apps use this technology to close the communication gap between a human user and the machine. Multiple media are integrated and utilised in computer-based applications in this way to improve their ability to be understood by the average person. Text, sound, video, graphics, animation, etc. are all included in this variety of media. Computer accessing graphics requires technology. Information is changed and presented visually by the Process. Computer graphics are now a widespread component of user interfaces and commercial motion pictures on television and the internet. The use of visuals in simulation improves the realism and accessibility of mathematical models and mechanical systems. The production of animated films and cartoons was demonstrated by the interactive visuals supported by animation software. The tools that computer graphics offer have undergone significant growth. This enables users to produce artistic images that convey messages and grab attention. Such images are excellent for advertising. Computers with multimedia capabilities may easily incorporate a variety of material, including text, images, graphics, audio, and video. Users can access the information that the multimedia computer system saves, depict, processes, manipulates, and makes available. The many principles of these media and how they are implemented in computer-based applications will be introduced to the students through this book. Additionally, this will familiarise the students with different multimedia implementation methods, such as data compression, and different multimedia standards.





## Computer Architecture and Organisation

Beckham Tanner

ISBN: 9781835357163

HB

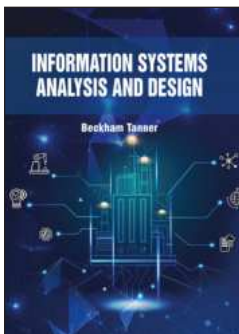
Price: £ 170.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** Computers and electronics are pivotal in today's society, impacting communication, medicine, and scientific advancements. While computers are commonly associated with modern electronics, the history of computing predates electricity. The ancient abacus, for instance, served as a rudimentary digital computing device. Analog computing, dating back millennia, includes notable examples like the Antikythera mechanism from ancient Greece. Computer Organization refers to the structure and operational units of a system, detailing how components are interconnected to meet architectural specifications and implement abstract models. It focuses on the practical implementation of a system. In contrast, Computer Architecture provides a functional description of a computer's design, specifying the requirements and interactions of its components. It defines what a computer should do in terms of processing tasks. In essence, Computer Architecture outlines the overall design of a computer system, while Computer Organization deals with how hardware components are structured and linked together. This distinction clarifies that Computer Architecture sets out the goals and functionalities of a computer, while Computer Organization explains the operational workings of its hardware. Understanding these concepts is essential for comprehending both the design and functionality of modern computing systems.



## Information Systems Analysis and Design

Beckham Tanner

ISBN: 9781835357170

HB

Price: £ 150.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** Information systems analysis and design is a method used by organizations to create and maintain systems that manage essential business functions like customer data, order processing, and payroll. The primary objective is to enhance organizational efficiency by implementing software solutions that streamline these tasks. Systems analysts play a central role in developing such software. The goal of systems analysis and design is to optimize organizational processes, often through the development or integration of application software tailored to specific functions such as inventory management or market analysis. Application software transforms raw data into meaningful information. Data structures are fundamental to this process, allowing computers to store and retrieve data efficiently using memory addresses. Organizational structure in this context varies from functional organizations, where resources are managed by senior functional managers across disciplines, to project-based organizations where responsibility for product development is more centralized. Wheelwright and Clark describe a spectrum between these two structures. This comprehensive textbook serves as a valuable resource for students, educators, and practitioners alike, offering insights into the principles and practices of information systems analysis and design.



## Database Management System and Data Modeling

Cannon Acosta

ISBN: 9781835357224

HB

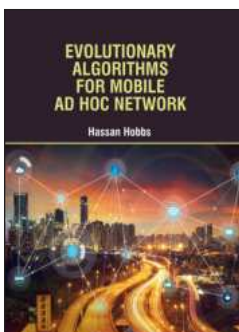
Price: £ 160.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** Data models are foundational in database management systems (DBMS), defining the logical structure and relationships within databases. They abstractly depict how data is interconnected, processed, and stored within the system. A database organizes data to reflect real-world aspects that support operational processes, such as managing hotel room availability. Early data models, like flat data-models, stored all data on a single plane, leading to duplication and update issues. The physical data model translates the relational data model into a practical implementation. Data in databases resides physically on secondary storage devices, organized as files, records, and other structures. This model specifies how tables are stored in memory for efficient access. Structured Query Language (SQL) is pivotal in implementing relational algebra practically. This comprehensive textbook caters to students, educators, scholars, and general readers alike, offering insights into the principles and applications of data modeling in DBMS.



## Evolutionary Algorithms for Mobile Ad Hoc Network

Hassan Hobbs

ISBN: 9781835357422

HB

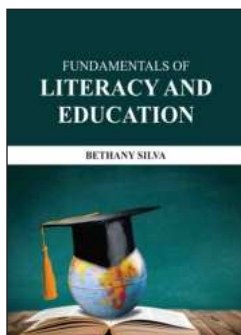
Price: £ 165.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** Evolutionary algorithms (EAs) are powerful tools in computational intelligence for addressing challenges in mobile ad hoc networks (MANETs), vehicular networks (VANETs), sensor networks (SNs), and hybrid networks. MANETs are decentralized networks of mobile nodes forming temporary connections without a fixed infrastructure, relying solely on wireless links. Energy efficiency is critical in MANETs, prompting the development of genetic algorithm-based routing protocols over the past decade. This book explores how EAs, which include heuristic and population-based collective learning methods, can optimize security and communication reliability in mobile networks. EAs adaptively optimize solutions through iterations, making them robust and suitable for dynamic environments like MANETs. The research presented synthesizes advancements in applying evolutionary methods to tackle the complexities of modern mobile and hybrid networks, providing insights for researchers and practitioners alike.



## Fundamentals of Literacy and Education

**Bethany Silva**

ISBN: 9781835350331

HB

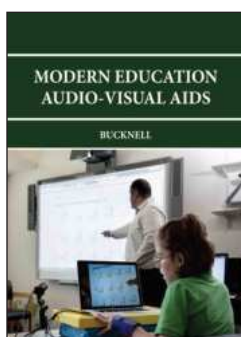
Price: £ 160.00

Size: 7 × 10

Pages: 384

Year: 2025

**About the Book:** Education and literacy are more important than ever before as globalisation becomes the norm and the demand for advancement and development grows more urgent. Nevertheless, emerging countries have not yet addressed the issue of illiteracy, even as industrialised nations continue to look for new solutions to continuously enhance their educational procedures and goals. This book on literacy and education discusses the importance of literacy for all people, with a focus on underdeveloped countries. The importance is placed on highlighting the interdependence of literacy and education, as well as the requirement that literacy become the cornerstone of education. Additionally, it makes an effort to delve deeply into the aspirations and socio-economic-political changes that are occurring throughout the world. The book discusses in-depth a number of recent developments and also outlines upcoming initiatives. The book's author hopes that it will be extremely beneficial to general education and social science students.



## Modern Education Audio-Visual Aids

**Bucknell**

ISBN: 9781835350393

HB

Price: £ 160.00

Size: 7 × 10

Pages: 298

Year: 2025

**About the Book:** With the start of the new millennium, technology has significantly impacted the field of education. In actuality, educational technology as a distinct field makes a significant contribution to the expansion and advancement of education. This method includes a variety of media tools. These tools have simplified, improved, and sped up the teaching process. This book discusses many audio-visual aids in-depth and gives an account of other technologies. It also covers the usefulness of instructional strategies and audio-visual tools. The book is very practical and reader-friendly because of these unique features. Education has always been improved and adjusted by innovation. Teachers can have a good impact on students' learning backgrounds by using creative tools like media innovation. This book includes extensive coverage and academic nuggets on the most recent trends in innovation-assisted dialect learning techniques. This book, which offers a variety of viewpoints on topics including intercultural competence, student engagement, and web-based learning, is ideally suited for everyone.



## A Guide to Qualitative Field Research

**Creswell J.W.**

ISBN: 9781835350621

HB

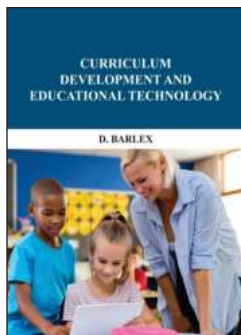
Price: £ 155.00

Size: 7 × 10

Pages: 354

Year: 2025

**About the Book:** The field of social work has established five specialisations for practise, education, and training. All of the areas of social work for employment and self-employment are covered by these five specialisations. For years, students have been practising fieldwork in their specific domains of expertise without consulting any pertinent literature. Only with the aid of vocal instructions from the academics and agency supervisors are they perceived to learn in real-world settings. In order to help the schools of social work prepare the ideal trained workforce to serve NGOs, Gos and Cos, organisations, institutions, offices, and the general public, the present book would be useful in imparting field work training in the specialised fields.



## Curriculum Development and Educational Technology

**D. Barlex**

ISBN: 9781835350652

HB

Price: £ 170.00

Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** This book explains how, in the modern world, technology is crucial for the teaching and learning processes. Computers and other computer-related peripherals have made a significant contribution to educational technology, which now permeates every aspect of our life. This important issue will examine the value of effective technology integration into classroom curricula in light of the crucial role that technology plays in today's world. Educational technology is a field concerned with the systematic identification, development, organisation, and utilisation of a full range of learning resources, as well as the management of these processes. For the purpose of analysing problems and developing, putting into practise, assessing, and managing solutions to those problems that are engaged in all facets of human learning, educational technology is a complex, integrated process including people, procedures, ideas, equipment, and organisation. As students, instructors, and administrators use computers to access information, create and express themselves, communicate and cooperate, and monitor the attainment of learning outcomes in the twenty-first century, technology is playing a role in every aspect of education.



## Advancing Technology for Educational Development

**D. Young**

ISBN: 9781835350706

HB

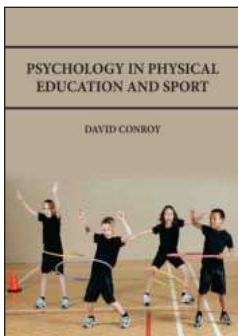
Price: £ 170.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** This book examines issues related to infrastructure, curriculum creation, instructional issues, and other aspects of effective education development. Additionally, it considers the most recent developments and methods used in the industry, promoting a more pertinent understanding of the problem. Focus has also been placed on examining and critiquing education development policies in-depth, a method of teaching that aims to better prepare students for the fast evolving, interdependent, and unequal world they will inhabit. It aims to encourage analysis, contemplation, and action for civic involvement and local and global citizenship. It involves assisting individuals in comprehending and taking action to change the social, cultural, political, and economic systems that have an impact on their lives and the lives of others at the individual, local, national, and worldwide levels. Technology, we all know has many different aspects, all of which are significant change-agents. Only a handful of these include new materials, biotechnology advancements, and robotics. The book will aid students in comprehending the introduction, instructional approach, development, guiding principles, and advice for using educational technology in the field of education.



## Psychology in Physical Education and Sport

**David Conroy**

ISBN: 9781835350744

HB

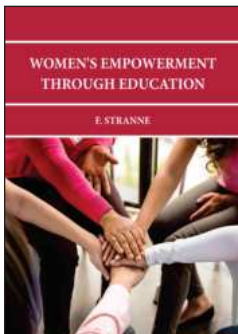
Price: £ 150.00

Size: 7 × 10

Pages: 366

Year: 2025

**About the Book:** The study of the psychological aspects of sports is the focus of the emerging field of sports psychology. This functions in a variety of ways. By definition, educational psychology is regarded as a science. Similar to science, it uses several impartial techniques for gathering data, conducting experiments, and generating conclusions. It focuses on the study of a structured and methodical body of knowledge about all types of human activity. Many players turn to psychologists, trainers, and coaches who can assist them with the mental components of sports training since sports psychology is a burgeoning field of study. Sports psychology is the study of how psychology affects athletic performance, physical activity, exercise, and sports. Some sports psychologists collaborate with coaches and professional athletes to boost motivation and performance. Other professionals use physical activity and athletics to improve people's lives and well-being over the course of their entire lives. The fields of psychology and sports science are combined in this book. Aspiring grads have a variety of options for their educational and professional paths.



## Women's Empowerment Through Education

**F. Stranne**

ISBN: 9781835351079

HB

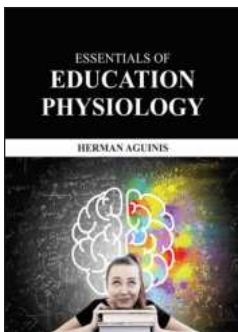
Price: £ 170.00

Size: 7 × 10

Pages: 286

Year: 2025

**About the Book:** Education acts as the catalyst through which women who have long been established in the private sphere, enter the public sphere and declare themselves on an equal footing with males. Advocates claim that education provides the fundamental foundation from which to stimulate building streams, serving as a launching pad for financial and entrepreneurial freedom. In this context, the current paper seeks to identify the relationship between the strengthening of women and the educational gap. A relationship framework has been constructed to determine the impact of educational inequality on several metrics. Women's representation in national legislatures, the degree of female education, and the percentage of women who drive the economy have all been taken into account when determining the level of women's empowerment in various regions of the world. Education has become the finest means of involving women in global advancement efforts. Juanita and the other 18 women who participated in the SAT programme are the focus of Erin Murphy-Graham's examination of their meetings. Their experiences highlight the easy yet unassuming ways that education can begin the process of strengthening as well as the role that the men and young men play in improving sexual orientation communication.



## Essentials of Education Physiology

**Herman Aguinis**

ISBN: 9781835351321

HB

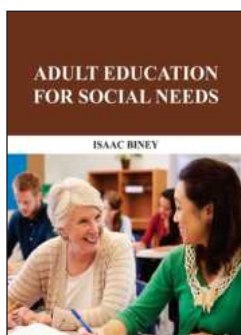
Price: £ 160.00

Size: 7 × 10

Pages: 320

Year: 2025

**About the Book:** A characteristic of an object or event is measured when a number is assigned to it so that it can be compared to other things or events. A measurement's scope and application are determined by the discipline and context. Trade, science, technology, and quantitative research across many areas all depend on measurement. To enable comparisons in the various spheres of human existence, numerous measurement systems have existed historically. It focuses on fundamental measuring difficulties and offers a broad, uncomplicated overview. It reviews a wide range of sources, outlines measurement challenges, explains how these problems are tackled, and offers advice on how to locate, assess, and apply information regarding particular tests. With a focus on assisting students and instructors in understanding the concept and theories of the field and developing their expertise in both teaching and learning, this book introduces the broad discipline of measurement and evaluation in psychology and education. The book will be an invaluable resource for teachers, teacher candidates, and other professionals working in the psychology and education fields at all levels.



## Adult Education for Social Needs

Isaac Binney

ISBN: 9781835351376

HB

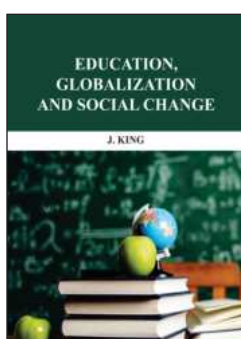
Price: £ 160.00

Size: 7 × 10

Pages: 328

Year: 2025

**About the Book:** Different fashions are currently popular in the subject of education and in publications about education. However, adult education and social education are the most underappreciated fields. The need of adult education is obvious given that India has the highest percentage of adult illiterates worldwide. The general people continue to be ignorant about the issues plaguing society and the paradoxes of contemporary life since social education is also underfunded. As globalisation and industrialization take hold, a significant societal revolution is imminent. We are living through a technology revolution, an information and communication revolution, a commercial and domestic revolution. The issues in the fields of adult education and social education are attempted to be fairly addressed in this book. It is a slim, handy book that discusses a wide range of social and adult education topics. It is intended that educators, education administrators, and researchers in the subject of education will enjoy this book.



## Education, Globalization, and Social Change

J. King

ISBN: 9781835351420

HB

Price: £ 160.00

Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** The law of life is change, and civilization is constantly undergoing change. There are instances when changes are so sudden and abrupt that individuals may not even notice them being sluggish and subtle. Things are changing in every aspect of life, including the political, educational, and economic sectors. Education is a major factor in the process that creates social transformation. Education fosters attitudes that can combat discrimination, superstition, and traditional beliefs as well as attitudes that enable individuals adopt modern lifestyles. It may change people's minds on small families and encourage them to reject conventional ideals. The best teaching methods, how to choose which knowledge should be taught, which knowledge is most pertinent, and how well students will retain new information are all current challenges in education. Most sociologists today work under the assumption that change is a normal, unavoidable, and constant part of life in every community. When examining social change, we pay attention to variations in social structures, institutions, and social relationships rather than changes in an individual's experiences. These definitions of social change can help you comprehend it better.



## Social Learning and Personality Development

J. Lachs

ISBN: 9781835351437

HB

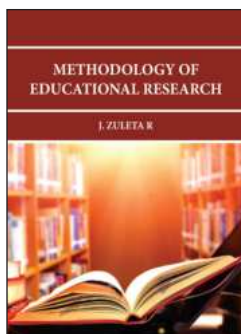
Price: £ 165.00

Size: 7 × 10

Pages: 376

Year: 2025

**About the Book:** The educational process helps the person develop into the kind of person who can stand on his own two feet and make his own decisions. He gains it through accepting accountability for others and by adding his own uniqueness to the assignments he must complete in school and during his time in college. This style of learning is given a lot of consideration in contemporary educational methods. The educational process helps the person develop into the kind of person who can stand on his own two feet and make his own decisions. He gains it through accepting accountability for others and by adding his own uniqueness to the assignments he must complete in school and during his time in college. Modern educational techniques are crucial to learn concepts in a better way. Humans, animals, and some machines can all learn new things. Learning curves are generally followed by progress over time. Human learning can take place via training, education, or personal growth. This book covers all significant aspects of educational psychology, character development, the importance of learning for human completeness, and educational accomplishments.



## Methodology of Educational Research

J. Zuleta R

ISBN: 9781835351529

HB

Price: £ 160.00

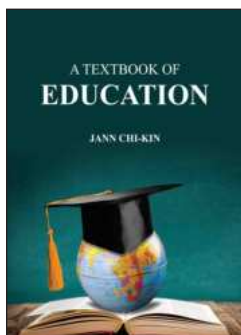
Size: 7 × 10

Pages: 342

Year: 2025

**About the Book:** Readers of this book are given access to the majority of contemporary teaching methods used today. It is also explained how it affects the system of worldwide educational changes. This topic provides information on the various applications of information and communication technology, such as teacher capacities, educational standards, educational forecasting, educational developments, etc., to readers and education professionals. The different worldwide educational partnerships, collaborations, and projects are also covered in length in this book, with a focus on advancing research and enhancing education globally. In conclusion, this book is a great resource for learning more about the topic. Future study and referencing on the topic are made reasonably simple by the broad glossary, acronym of related terms, and briefly annotated bibliography that support it.





## A Textbook of Education

Jann Chi-Kin

ISBN: 9781835351574

HB

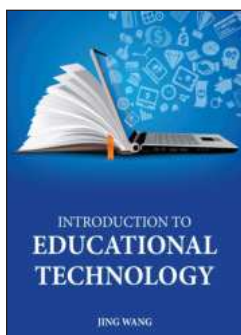
Price: £ 170.00

Size: 7 × 10

Pages: 320

Year: 2025

**About the Book:** The basic educational disciplines are outlined in this book in an accessible and comprehensive manner. An introduction exhorts the reader to successfully engage with the thinking of education, and the carefully selected presenters offer the reader life. Each section focuses on a particular area of open discussion and explains the fundamental concepts that are taken directly from philosophical writings. These concepts are then followed by questions that help the reader engage with the content more deeply and effectively and suggest next steps as well as more challenging sources or opposing arguments. For learner instructors working on undergraduate and graduate projects, as well as education understudies, this book is fundamental reading. Additionally, it will address educators and trainers. It will also be relevant to educators and teachers in the development stage who are looking for philosophical approaches to address current problems in education. This book provides a comprehensive introduction to the planning, delivery, and evaluation of adventure education with a strong focus on professional practise and delivery.



## Introduction To Educational Technology

Jing Wang

ISBN: 9781835351680

HB

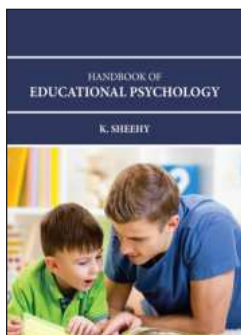
Price: £ 165.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** The use of technology in education to enhance learning and teaching is known as modern educational technology. Technology used in education is frequently referred to as learning technology or instructional technology. The terms "educational" and "technology" are frequently employed in a more narrow meaning, with educational denoting procedures for transferring information, skill, and judgement to children, and technology denoting advanced technology, particularly Information Technology (IT). The Modern Education Technology book is intended to impart knowledge about contemporary educational technologies, teaching methods, instructional strategies, classroom discipline, and other related topics. This book will satisfy the needs of educational planners, students, teachers, and anyone who are directly or indirectly involved in education. The book's chapters examine the various facets of contemporary technology. It is intended that it will benefit both the student and the teacher in terms of learning and teaching.



## Handbook of Educational Psychology

K. Sheehy

ISBN: 9781835351833

HB

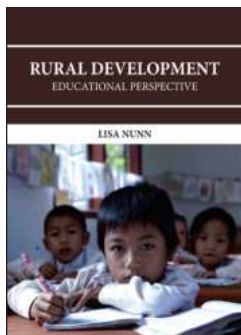
Price: £ 170.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** A wide range of educational studies disciplines, such as curriculum creation, instructional design, educational technology, organisational learning, special education, and classroom management, are in turn informed by educational psychology. The area of psychology known as educational psychology is devoted to the investigation of how people learn. Researchers can better understand individual differences in intelligence, cognitive development, emotion, motivation, self-regulation, and self-concept as well as their function in learning by studying learning processes from both cognitive and behavioural perspectives. In order to improve educational activities related to instructional design, classroom management, and assessment, which serve to facilitate learning processes in various educational settings across the lifespan, the field of educational psychology heavily relies on quantitative methods, including testing and measurement. There aren't many books on educational psychology hence the book Educational Psychology fills the void. There has long been a nagging notion that both students and teachers need to be familiar with the field of educational psychology. Only if the teacher is aware of and accepting of this is he the torchbearer of the face.



## Rural Development: Educational Perspective

Lisa Nunn

ISBN: 9781835351987

HB

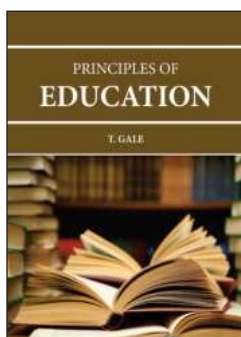
Price: £ 155.00

Size: 7 × 10

Pages: 294

Year: 2025

**About the Book:** The book gives readers a fundamental understanding of education, extension education, and agricultural extension by incorporating the terms' definitions, which stand for the concepts, goals, and guiding principles for extension education students. Effective information and communication technology implementation for rural development is fraught with difficulties. There are many various levels of education available in rural areas, ranging from multi grade primary schools to agricultural institutions. In many nations, basic education is prioritised, but social change and economic progress are also facilitated by offering specialised training to advance methods used in the rural sector. Additionally, current research on social capital demonstrates that knowledge is a crucial component for enhancing rural communities and improving their capacity to adapt to change. The goal of the current book, which has been prepared as a handbook, is to improve the reader's comprehension of educational practises and programmes by examining the fields of rural development and education.

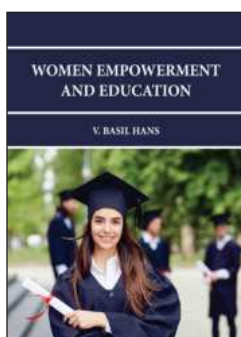


## Principles of Education

**T. Gale**

ISBN: 9781835353097    HB    Price: £ 170.00    Size: 7 × 10    Pages: 326    Year: 2025

**About the Book:** The theory of education and learning's objectives, applications, and interpretations is known as education theory. It is more of an umbrella concept than a singular explanation of how humans learn and how teachers should approach their work. Instead, it is influenced by a number of things, such as epistemological viewpoint and theoretical perspective. The success in life of an individual is greatly influenced by their education. Students receive education that teaches them life skills that will better prepare them for the workforce in the future on a physical, mental, and social level. Most people agree that education is the cornerstone of a society that leads to economic growth, social prosperity, and political stability. New elements are being added to the antiquated and outmoded modern education system, which has caused it to grow significantly. The book discusses a variety of topics and ideas related to the design and development of contemporary education to meet the demands of the twenty-first century. It also offers a thorough review of the initiatives taken to revive education.

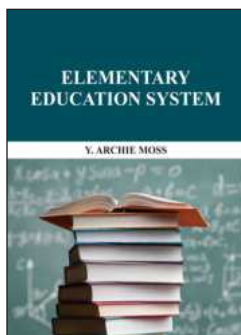


## Women Empowerment and Education

**V. Basil Hans**

ISBN: 9781835353226    HB    Price: £ 160.00    Size: 7 × 10    Pages: 346    Year: 2025

**About the Book:** Through the arduous labour of numerous social reformers and women activists, the education of women around the world gained momentum in the last two decades of the 20th century. Women were given equal possibilities for education, and the traditional pattern of a gender-biased educational system began to fall apart. More and more women are achieving greater educational status and work chances in the modern world. But in the twenty-first century, the study of women is up against fresh obstacles. The essence of existence is development. The main stream of a nation's women's population in the development process is a good indicator of how developed that nation is. The current study on women's education is an effort to evaluate the current position of women in the political, economic, and social spheres of development in this setting. Only education can help in such a pitiful situation to improve the situation of women and bring it on par with males. This book is a thorough and reliable study on the topic of women's education because it addresses every aspect that is connected to it.

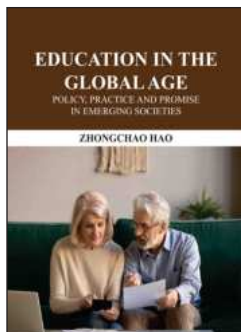


## Elementary Education System

**Y. Archie Moss**

ISBN: 9781835353387    HB    Price: £ 165.00    Size: 7 × 10    Pages: 360    Year: 2025

**About the Book:** A crucial component of a child's education is the elementary school curriculum. Students must be able to comprehend and communicate in a language that can only be their mother tongue at the primary school level. In order to ensure that lessons at all levels, from pre-school to post-secondary, are best intended to support students in successfully learning the material and acquiring the skills needed to continue advancing, curriculum development is a crucial component of the educational process. Providing information to aid in decision-making at various levels of curriculum development is the essence of evaluation. The programme as a whole or just a few of its components may be the subject of this information. Supporters of learner-centered curricula prioritise personal growth and wish to structure the curriculum around student needs and interests. This strategy and subject-centered design differ significantly from one another. The creators of the elementary school curriculum should collaborate with parents and experts when creating the primary education curriculum.



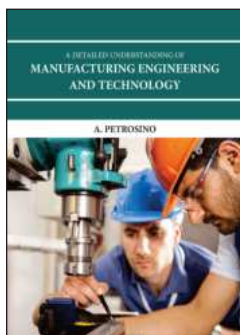
## Education in the Global Age: Policy, Practice and Promise in Emerging Societies

**Zhongchao Hao**

ISBN: 9781835353493    HB    Price: £ 170.00    Size: 7 × 10    Pages: 348    Year: 2025

**About the Book:** Through the holistic development of each person, education has always been crucial in determining the future of societies. It is the most effective tool for developing social cohesion as well as goals of economic development and technical advancement. Education is a dynamic process that evolves with the socio-political economic climate and rapidly advances knowledge over time. In recent years, there has been a pressing need to rebuild education. A small attempt in this manner is the current book. It conducts a thorough analysis of current problems while revealing connections between education and societal growth in India. The concept and nature of education are briefly described, along with its methodologies, aspects, history, and development. In light of Indian society, it conducts an analytical study of educational trends, procedures, values, and philosophy. It highlights the foundational aspects, purpose, and goals of Indian society. Without a doubt, the book is a reliable source of all educational information. The book is succinct and simply written, with simple vocabulary and a clear style.

# Engineering & Technology



## A Detailed Understanding of Manufacturing Engineering and Technology

A. petrosino

ISBN: 9781835350096

HB

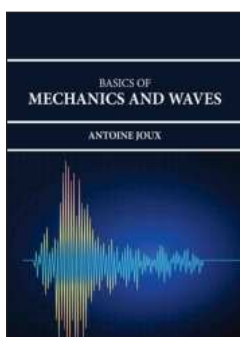
Price: £ 170.00

Size: 7 × 10

Pages: 352

Year: 2025

**About the Book:** Engineering's field of manufacturing science and practise, encompassing the study, creation, and improvement of systems, procedures, tools, and machinery, is known as manufacturing engineering. The main goal of a production engineer is to produce new or updated products in the most cost-effective, efficient, and effective manner possible. Due to its detailed coverage of the topic from a workshop perspective, it has significantly broadened the scope of the book. The book fulfils the needs of students in practically all engineering disciplines, including mechanical, industrial, production, civil, computer, electronics, electrical, biotechnology, and instrumentation, as it is a key subject. It is also helpful for a variety of competitive exams like the GATE, Civil Services, Engineering Services, and Public Sector Organisations.



## Basics of Mechanics and Waves

Antoine joux

ISBN: 9781835350218

HB

Price: £ 165.00

Size: 7 × 10

Pages: 352

Year: 2025

**About the Book:** A mechanical wave transmits energy via a medium because it oscillates matter. While waves can travel great distances, the transmission medium, or the substance, has a restricted range of motion. The oscillating material stays close to its initial equilibrium position as a result. Energy is transported by mechanical waves. The wave's direction of propagation is the same as this energy's. Any wave, mechanical or electromagnetic, possesses a specific amount of energy. Only medium with elasticity and inertia can form mechanical waves. Since it deals with the investigation of physical phenomena, mechanics is a physical science. However, some people link mechanics to mathematics while others see it as an engineering discipline. Both of these opinions have some merit. The majority of engineering sciences have mechanics as its foundation, making it a necessary pre-requisite for their study. In order to prepare students for a later rigorous study of advanced issues, this book aims to give them the fundamental understanding in wave mechanics they need. A strong background in mathematics is important because a lot of wave mechanics involves mathematical concepts.



## Study of Integrated Approach in Nanoelectronics

D Roy

ISBN: 9781835350645

HB

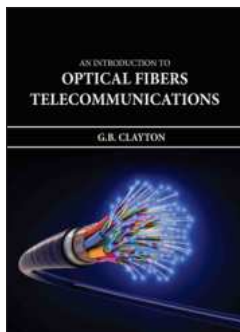
Price: £ 165.00

Size: 7 × 10

Pages: 302

Year: 2025

**About the Book:** One of the most significant applications of nanotechnology is nanoelectronics. In the fields of engineering and electronics, it is essential. In order to create nano machines, nanoelectronics uses atomic size scientific methods. Reducing the size, risk factor, and surface areas of the molecules and materials is the primary goal. Machines undergoing the nanoelectronic process go through a lengthy list of manufacturing processes, each with precise molecular processing. Over the past thirty years, semiconductor electronics have had a consistent exponential decrease in size and cost, as well as an increase in performance and level of integration. The next ten years are outlined in the Silicon Roadmap. After then, there will be significant financial and/or physical obstacles. If current technologies are extrapolated, the former is related to the challenge of turning a profit in light of the high expenses of developing the necessary production capabilities. This book serves as an introduction to the topic of nanotechnology for researchers, providers of nanoelectronics, and students who want to begin considering the possible opportunities provided by these recent advances in science.



## An Introduction to Optical Fibers Telecommunications

G.B. Clayton

ISBN: 9781835351154

HB

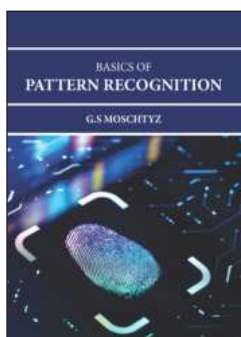
Price: £ 155.00

Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** This book is divided into 12 parts to allow for a logical flow of information and to make issues easily accessible by giving the necessary context and theoretical backing. Chapter 1 provides a brief overview of optical fibre communications by examining the technology's historical development, overall system, and key benefits. The quality of services and tele-communications issues also covered. The concept of optical fibre as a transmission medium is explained in Chapters using a straightforward ray theory technique. The electromagnetic wave theory as it applies to optical fibres is discussed after that, and then consideration of lightwave transmission within the various fibre types follows. Single-mode fibre in particular, as well as a more contemporary form of micro-structured optical fibre is mentioned. Then, it discusses the primary optical fibre transmission properties. In this third edition, there is a renewed emphasis on the properties and features of single-mode fibres, including a more in-depth study of the many types of single-mode fibre, polarisation mode dispersion, nonlinear effects, and in particular, soliton propagation. The various transmission and switching techniques are covered. Also talk about the various voices telephony transmission elements. The light sources used in optical fibre communications are described in Chapters.



## Basics of Pattern Recognition

**G.S Moschtyz**

ISBN: 9781835351178

HB

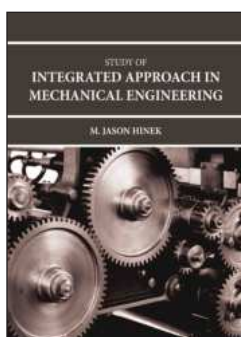
Price: £ 165.00

Size: 7 × 10

Pages: 326

Year: 2025

**About the Book:** This book celebrates the enduring human fascination with patterns across civilizations, from ancient astronomy to modern data analysis. Pattern recognition, integrating biology, mathematics, computer science, and artificial intelligence, explores the art and science of identifying regularities in vast datasets. It delves into mathematical foundations, including statistics and information theory, covering deterministic and probabilistic methods. The journey explores the influence of machine learning and artificial intelligence on data analysis, predictive modeling, and ethical decision-making. The book invites readers to embark on an engaging exploration of the mysteries of information and its impact on our understanding of the world.



## Study of Integrated Approach in Mechanical Engineering

**M. Jason hinek**

ISBN: 9781835352021

HB

Price: £ 150.00

Size: 7 × 10

Pages: 338

Year: 2025

**About the Book:** The field of study known as mechanics studies is how physical objects respond to forces and displacements as well as how those objects' actions affect their surroundings. The writings of Aristotle and Archimedes in Ancient Greece are where the scientific discipline first emerged. Scientists like Galileo, Kepler, and notably Newton set the groundwork for what is now referred to as classical mechanics during the early modern era. This area of classical physics is concerned with particles that are either at rest or travelling at speeds that are considerably slower than the speed of light. It can also be described as a field of study that studies how objects move and are affected by forces. Chemical engineers must be knowledgeable in fluid mechanics because the majority of chemical processing is done either entirely or partially in the fluid phase. This book offers a fundamental, hands-on introduction to engineering mechanics and is tailored to students who require a solid foundation in the field to fully engage in their engineering course.



## Terahertz Technology: Textbook

**Marc joye**

ISBN: 9781835352090

HB

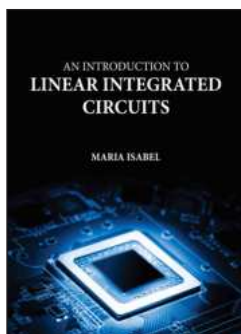
Price: £ 160.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** Terahertz radiation, sometimes referred to as submillimeter radiation, terahertz waves, extraordinarily high frequency (THF), T-rays, T-waves, T-light, T-lux, or THz, is a category of electromagnetic waves having frequencies between 0.3 and 3 terahertz that have been defined by the International Telecommunication Union. Radiation in the terahertz frequency has wavelengths between 1 mm and 0.1 mm. Specifically, in astronomy, terahertz radiation is frequently referred to as the submillimeter band and its radiation as submillimeter waves since it starts at a wavelength of one millimetre and progresses into shorter wavelengths. Information about terahertz science, terahertz photodetectors, and terahertz lasers is included in the book. A particular focus is placed on long wavelength photodetectors based on innovative quantum dots operating at ambient temperature. The book concludes with a discussion of multi-color laser concepts for the terahertz spectrum. It is written as background information for graduate students studying optics.



## An Introduction to Linear Integrated Circuits

**Maria isabel**

ISBN: 9781835352113

HB

Price: £ 170.00

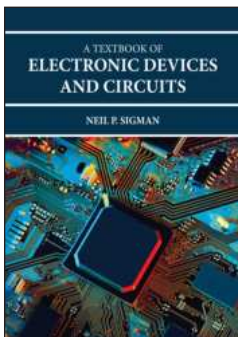
Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** A group of tiny electronic analogue circuits are assembled on a single piece of semiconductor material to make an analogue chip. In the circuits of analogue chips, the voltage and current at certain locations fluctuate continually throughout time. Digital chips, in contrast, don't utilise or produce any intermediate voltages or currents; they only use or produce discrete levels. Analogue chips frequently feature more passive components than standard digital circuits, in addition to transistors. Due to their size, inductors are frequently avoided, however a transistor and capacitor working in tandem can perform an inductor's function. An overview of the topics covered in the book is as follows: Direct and capacitor-coupled Opamp amplifiers; Frequency response and compensation to enhance the performance of Opamp circuits; Voltage and current sources, instrumentation amplifiers, and clamping circuits. The textbook covers the B.E. curriculum and the material is developed logically so that B.Sc. and diploma students might also use the book. Each chapter is supported by well-done visuals, step-by-step illustrations, and graded numerical examples.





## A Textbook of Electronic Devices and Circuits

Neil P. sigman

ISBN: 9781835352403

HB

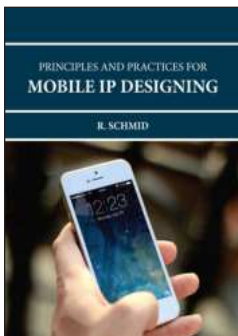
Price: £ 170.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** Regardless of whether an electronics technology is analogue or digital, understanding the underlying operating and uses of electronic devices is essential to understanding the functional and design features. Since most electronics systems have both analogue and digital material, studying electronics devices and circuits is crucial. The book Basic Electronic Devices and Circuits is primarily intended for engineering exams such as diploma, degree, and others. Additionally, it will satisfy the needs of readers who want to get knowledgeable about electronics. This book's goal is to present a thorough and current analysis. The topic matter is explained throughout the book using clear, simple language. The book's complete content is presented in a way that is self-explanatory, logical, and organised. Each topic's background is carefully prepared in the book, along with the necessary illustrations and diagrams.



## Principles and Practices for Mobile IP Designing

R. Schmid

ISBN: 9781835352663

HB

Price: £ 155.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** In wired and wireless contexts where users must transport their mobile devices across various LAN subnets, mobile IP is most frequently observed. Use cases include roaming across competing wireless networks such as IP over DVB, WLAN, WiMAX, and BWA. Since cellular systems like 3G offer their own data link layer handover and roaming procedures, mobile IP is not necessary to guarantee transparency when Internet users move between cellular towers. To enable seamless IP mobility between several packet data serving node (PDSN) domains, it is frequently utilised in 3G systems. Mobile IP is a standard communications protocol developed by the Internet Engineering Task Force (IETF) that enables users of mobile devices to switch between networks while preserving permanent IP address. The main goals of this book are to introduce fundamental ideas and approaches for mobile communication and to lay a platform for further study and investigation in the area of communication engineering.



## Study of Integrated Approach in Microelectronics

Serope K.

ISBN: 9781835352984

HB

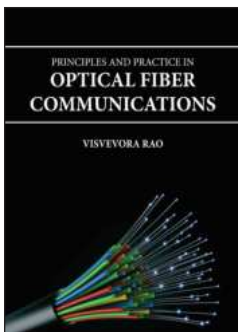
Price: £ 165.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** The foundation of the information technologies that permeate almost every area of modern life is microelectronics. The impact of microelectronics on the second half of the 20th century is difficult to compare to that of any other branch of science or technology. Every year, the microelectronics industry is able to produce transistors, circuits, and devices that are smaller, faster, more affordable, and of higher quality. More and more of these transistors may be crammed onto a chip as transistors get smaller and faster, allowing circuits to store and process more data. Analogue components are used to create digital circuits. The design must ensure that the components' analogue nature does not trump the anticipated digital behaviour. A grouping of transistors—electrically controlled switches—is referred to as a logic gate. Each logic symbol has a unique shape to represent it. This book is written for graduate students and advanced undergraduates who have a foundation in basic electronics, including biasing, modelling, circuit analysis, and frequency response.



## Principles and Practice in Optical Fiber Communications

Visvevora rao

ISBN: 9781835353271

HB

Price: £ 160.00

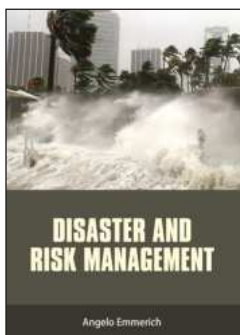
Size: 7 × 10

Pages: 356

Year: 2025

**About the Book:** Over the past two decades, the field of fibre optic communications has proliferated. Fibre is a crucial component of today's communication infrastructure and is present in machinery, buildings, hospitals, and even on roads. The telecoms sector has undergone a transformation thanks to fibre optic connection. Additionally, it has established a strong foothold within the data networking industry. Fibre optic cable has made it possible for telecommunications links to be made over much greater distances with much lower levels of transmission medium loss. Perhaps most importantly, fibre optical communications has made it possible to accommodate much higher data rates. Long-distance transmission of light and information is possible via optical fibres. Radio transmitter technologies have been mainly supplanted by fiber-based systems for long haul optical data transmission. The book provides a thoroughly up-to-date, understandable, and comprehensive introduction to the concepts and uses of optical fibre communications. It discusses the most recent advancements in optical fibre communication components, technologies, and materials.

# Environmental Science



## Disaster and Risk Management

Angelo Emmerich

ISBN: 9781835357101

HB

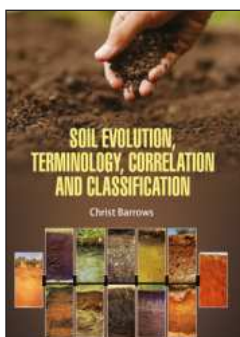
Price: £ 170.00

Size: 7 × 10

Pages: 292

Year: 2025

**About the Book:** Disaster risk management involves applying strategies to prevent new risks, reduce existing risks, and manage residual risks, thus enhancing resilience and reducing disaster losses. Community-based disaster risk management engages local communities in assessing hazards, vulnerabilities, and capacities, and involves them in planning, implementing, monitoring, and evaluating local disaster risk reduction actions. Hazards are defined as processes, phenomena, or human activities that can cause harm, including loss of life, injury, property damage, and social, economic, and environmental disruption. Hazards vary in origin, intensity, frequency, and probability. Disaster management aims to mitigate uncertainties and reduce the frequency and impact of disasters. This concise yet comprehensive book aims to raise awareness and enrich general readers with its content.



## Soil Evolution, Terminology, Correlation and Classification

Christ Barrows

ISBN: 9781835357255

HB

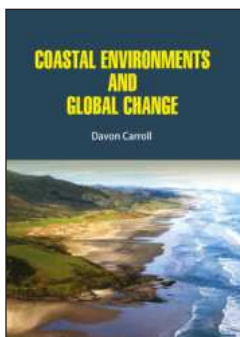
Price: £ 150.00

Size: 7 × 10

Pages: 280

Year: 2025

**About the Book:** The early soil classification systems focused on productivity for taxation purposes, based on criteria like soil color, texture, and irrigation potential. These methods became obsolete with changing land use. Chemical composition-based classifications, such as calcareous, acid, and sodic soils, have limitations in classifying all soil types. Modern soil classification has evolved from naming independent objects to a systematic, relational approach using the inductive method. This evolution reflects a progressive refinement aligned with disciplinary principles. Current soil classification systems are robust and do not require fundamental overhaul. Soil formation, or pedogenesis, results from physical, chemical, biological, and human-induced processes acting on parent material, forming distinct soil horizons through material additions, losses, transformations, and movements. This book offers a comprehensive exploration of soil's roles and behaviors in natural and man-made environments, aiming to educate farmers on maintaining soil health and enhancing fertility practices.



## Coastal Environments and Global Change

Davon Carroll

ISBN: 9781835357316

HB

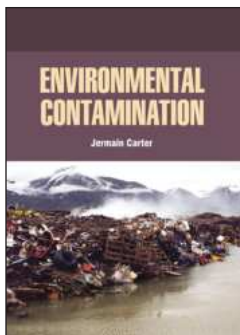
Price: £ 165.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** Coastal environments encompass areas where land meets seas, including tidal wetlands, estuaries, bays, mangrove swamps, and reefs. These regions are highly biodiverse, rivaling tropical rainforests. However, human activities, pollution, and coastal development stress these ecosystems, limiting growth and reproduction of flora and fauna, thereby reducing biodiversity. Effective coastal zone management, a recent concept, addresses these interconnected challenges arising from population growth and development along coastlines. Climate change has further exacerbated environmental impacts, such as glacier retreat, early ice melting, and shifts in plant and animal ranges. This book compiles essential information on coastal environments, serving as a valuable resource for students, scholars, and anyone interested in these critical ecosystems.



## Environmental Contamination

Jermain Carter

ISBN: 9781835357477

HB

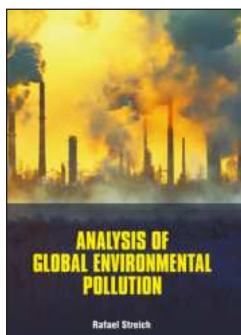
Price: £ 155.00

Size: 7 × 10

Pages: 276

Year: 2025

**About the Book:** Environmental contaminants are chemicals that enter the environment through human activities or natural processes. These stable chemicals can persist and enter the food chain, whether manufactured for industrial use or naturally occurring but mobilized by industry. Contaminants reach the environment via direct dumping, piped outflows, channeled waste streams, runoff, and soil percolation. Nonpoint sources, such as urban runoff, agricultural lots, soil erosion, and atmospheric deposition, significantly contribute to air, water, and soil pollution. Contaminants originate from industrial and commercial facilities, spills, nonpoint sources, and wastewater systems. Many sites have been contaminated for decades, affecting the environment and health. This book discusses the types, sources, and effects of environmental contaminants.



## Analysis of Global Environmental Pollution

Rafael Streich

ISBN: 9781835357590

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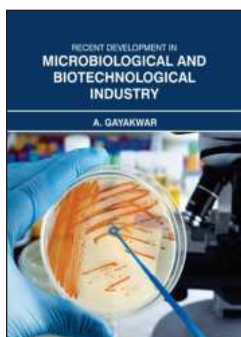
Price: £ 170.00

Size: 7 × 10

Pages: 292

Year: 2025

**About the Book:** Global environmental analysis examines the macro environment of a company, distinguishing it from other analyses like industry, market, and competitor analyses, which operate on the micro level. Environmental pollution has spurred political and social pressure to prevent it, with many industrial sectors being major contributors. While pollution prevention methods can be applied broadly, waste valorization is often more effective, especially in agriculture and food industries, which generate substantial by-products. Technological factors are crucial for industries experiencing rapid technological changes, such as microelectronics and robotics, presenting both risks and opportunities. Pollution prevention focuses on reducing waste at the source by modifying production processes, using less-toxic substances, conserving resources, and reusing materials. Defined under the Pollution Prevention Act, it aims to reduce or eliminate pollutant creation. This book explores the impact of environmental pollution on air, water, and soil, and its effects on human health, animals, and plants.



## Recent Development in Microbiological and Biotechnological Industry

A. Gayakwar

ISBN: 9781835350065

HB

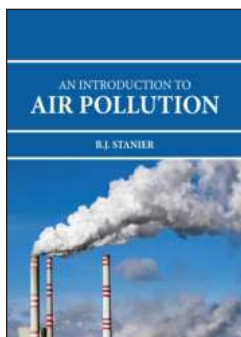
Price: £ 155.00

Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** Industrial microbiology focuses on the commercial exploitation of microorganisms and deals with processes and goods that have significant global economic, environmental, and social implications. A fundamental subject that is a part of biology is microbiology. It addresses the behaviours and life cycles of microorganisms (bacteria, fungus, etc.). Most of the microbiology in biotechnology is covered because it is a broad field. Mutation, breeding, and cloning are a few biotech examples that are simple to understand. The microbiological use of biotechnology is the creation of vaccines. Bioprocess-relevant microbes have been identified from natural sources including water samples, rotten bread and fruit, and soil samples. We looked at cultures from several sources to find strains with acceptable characteristics. This book is intended for beginning graduate students and undergraduates studying chemical engineering, food science, and microbiology. It will be interesting to those who are studying pharmacy, biochemistry, and general biology. The study of industrial microbiology necessitates a complete understanding of the physiology of the microorganisms that underlie the processes used in the large-scale, commercial manufacturing of the items that the field studies.



## An Introduction to Air Pollution

B.J. Stanier

ISBN: 9781835350300

HB

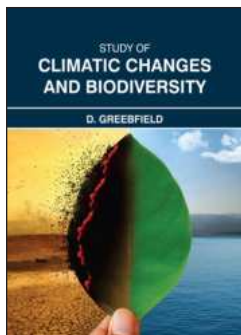
Price: £ 160.00

Size: 7 × 10

Pages: 376

Year: 2025

**About the Book:** There are many different types of air pollution, but generally speaking, it refers to toxins that are gaseous and particulate that exists in the atmosphere of the earth. Gaseous pollutants such as nitrogen oxides and sulphur dioxide (SO<sub>3</sub>), volatile organic compounds (VOC), ozone (O<sub>3</sub>), carbon monoxide (CO), hydrogen sulphide (HS), HF, as well as other metals in gaseous forms. These toxins are released from big stationary sources such as smelters, industrial boilers, petroleum refineries, and power stations that burn fossil fuels and production facilities, local and mobile suppliers, as well as. The market of today is becoming more and more reliant on meeting a variety of local environmental requirements, the needs of environmentally conscious consumers, and international voluntary environmental efforts. The business sector has made enormous strides in its efforts to safeguard the environment, spending hundreds of billions of dollars to prevent the discharge of dangerous compounds into the atmosphere and inventing technologies to minimise or completely stop the production of hazardous waste. The way that different industries are meeting their environmental commitments is evolving as a result of several initiatives and technological advancements. The book gave information on the scientific foundation for managing air quality and developing green spaces in metropolitan settings.



## Study of Climatic Changes and Biodiversity

D. Greebfield

ISBN: 9781835350683

HB

Price: £ 160.00

Size: 7 × 10

Pages: 362

Year: 2025

**About the Book:** Changes in the start and length of the seasons, glacial retreat, a reduction in the extent of Arctic sea ice, and an increase in sea level are all effects of climate change on the biophysical environment. At the species level, in terms of phenology, distribution, and populations, and at the ecosystem level, in terms of distribution, composition, and function, these changes have already had demonstrable effects on biodiversity. From a human perspective, the rapid climate change and accelerating biodiversity loss threaten human security. In addition to other considerations, environmental circumstances are a major determinant of the function and distribution of plants. It is well recognised that changes in long-term climatic factors, commonly known as climate change, have had a significant impact on the patterns of plant variety that exist now. Additional effects are anticipated in the future. Climate change is expected to continue to be one of the main factors influencing biodiversity trends in the future. This significant book provides a comprehensive view of the most recent research and thought on climate change and biological variety. It is meant for experts as well as concerned citizens.



## Study of Microbiological Environment

**Denton J.**

ISBN: 9781835350829

HB

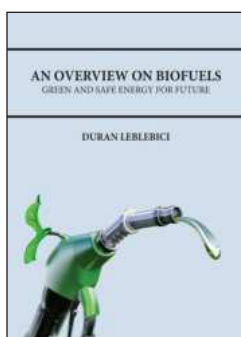
Price: £ 150.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** In addition to being a traditional field of study, environmental microbiology is rapidly expanding due to an awareness of its significance in areas such as industry, agriculture, pharmaceuticals, public health, geological explorations, bioenergetics, and as a way to tap into new energy sources that can be used for a variety of applications. Studies in microbiology include environmental microbiology as a critical component. Although microbes that exist in synthetic settings like bioreactors are also studied, it allows scientists to examine germs in greater depth and provides insight into how they behave under non-simulated, natural situations. The study of processes including microbial ecology, microbially mediated nutrient cycling, geomicrobiology, microbial diversity, and bioremediation is just a small portion of what the topic covers. The goal of the current text is to provide an overview of Environmental Microbiology's essential concepts so that it can be properly understood. The readership is kept up to speed on the business side of microbiology by a thorough discussion of the contemporary methods and approaches used in microbiological applications.



## An Overview on Biofuels: Green and Safe Energy for Future

**Duran leblebici**

ISBN: 9781835350935

HB

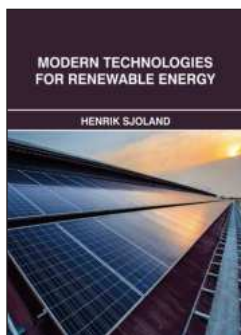
Price: £ 155.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** Energy is a key enabler of the economy, and significant shifts in the cost and efficiency of energy, from animal and wood to coal, whale oil, petroleum, and nuclear technologies, have profoundly influenced societal evolution around the globe throughout history. The next wave of change, as the global economic engine incorporates renewable energy technologies like solar energy or biofuels, may pose a greater challenge because it is expected that these technologies will be, at least temporarily, less efficient than the conventional energies of today, which are based on fossil and nuclear fuels. The book's association is designed to promote fruitful learning interactions. The book is structured to meet the requirements of students, researchers, and managerial organisations, as well as all readers. This book is intended to assist our readers in comprehending: what kinds of biofuels are available to us; the need for biofuels; using biofuels. just what conserving these biofuels is necessary.



## Modern Technologies for Renewable Energy

**Henrik sjoland**

ISBN: 9781835351314

HB

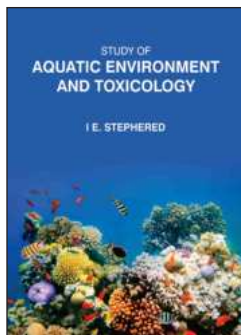
Price: £ 150.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** Natural resources that are constantly renewed include sunlight, wind, tides, and geothermal heat. The majority of renewable energy sources are inexpensive to operate but rather expensive to construct since they need to gather energy that is widely dispersed and concentrate it into a usable form. Solar thermal panels are capable of capturing the heat from solar radiation. These panels use solar energy to heat water by absorbing it from the sun. In the UK, solar water heating systems are the most widely used solar energy source. Solar water heating systems cannot help with central heating, but they can often supply more than half of a household's hot water needs annually. The flow of water and wind, the heat and light of the sun are all renewable resources. The book discusses a variety of solar radiation, heat transfer components, solar collectors, and solar collector applications. Along with the effects of energy production and consumption on the environment, it also includes chapters on energy from biomass and biogas digesters, solar power generation and its applications, and wind energy.



## Study of Aquatic Environment and Toxicology

**I E. stephered**

ISBN: 9781835351369

HB

Price: £ 155.00

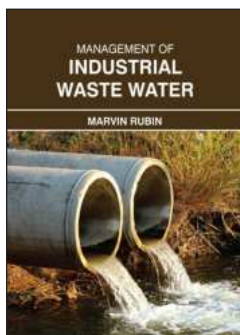
Size: 7 × 10

Pages: 320

Year: 2025

**About the Book:** Aquatic pollution is the phrase used to describe the large-scale discharge of waste materials into aquatic systems (such as lakes, rivers, oceans, aquifers, and groundwater). When dangerous contaminants are directly or indirectly released into aquatic systems without the removal of harmful chemicals, this sort of ecological deprivation takes place. Amphibians, as well as other aquatic species and flora, suffer as a direct result of aquatic pollution. By incorporating knowledge and methods from the majority of branches of biochemistry, biology, chemistry, genetics, mathematics, medicine, pharmacology, physiology, and physics as well as applying safety evaluation and risk assessment to the discipline, modern toxicology goes beyond the study of the harmful effects of exogenous agents. Scientists investigate the methods by which substances cause negative consequences in all fields of toxicology. Activities in these broad areas support toxicological research, so helping the current book to focus on the application of aquatic environmental knowledge, aquatic science, and toxicology. This book has a classical style to presentation, including environmental toxicity, aquatic ecosystems, and environmental pollution.





## Management of Industrial Waste Water

Marvin Rubin

ISBN: 9781835352199

HB

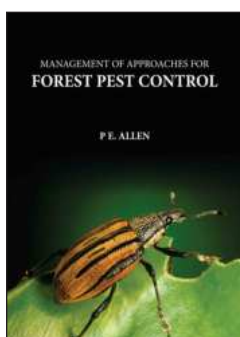
Price: £ 165.00

Size: 7 × 10

Pages: 338

Year: 2025

**About the Book:** The procedures used to treat wastewater produced as an unwelcome byproduct by industry are referred to as industrial wastewater treatment. After treatment, the industrial wastewater (or effluent) may be recycled, released into the environment's surface waters or sanitary sewers, or both. Vehicle wash bays, workshops, fuel storage facilities, transportation hubs and power generation facilities are examples of industrial applications where oil can enter the wastewater stream. The wastewater must adhere to regional environmental standards because it is frequently released into neighbourhood sewer or commercial waste systems. Solvents, detergents, grit, lubricants, and hydrocarbons are some common pollutants. Water is used in most industrial processes in some capacity. Regardless of whether the water is put back into the natural environment or the sewage system after usage, it must be treated before disposal. Students majoring in environmental science and engineering at the graduate level as well as civil and chemical engineering undergraduates should find this book to be of great use. Consultants in industrial design would also find the book to be very useful.



## Management of Approaches for Forest Pest Control

P. E. Allen

ISBN: 9781835352496

HB

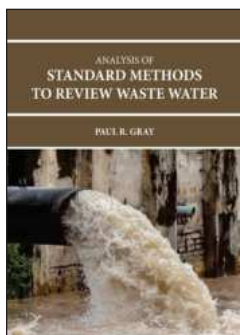
Price: £ 170.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** This book compiles innovative approaches to integrated pest management (IPM) in order to show in detail the remarkable accomplishments and contributions of this field to the environment, public health, and the global economy as well as to provide insight into the potential future of each related IPM field. The term "integrated pest management" (IPM) describes methods for controlling plant pests such as insects and other arthropods, diseases, nematodes, weeds, and some vertebrates without causing significant financial harm to the plants. It is widely believed that the employment of such biological control agents serves as the foundation of IPM because all plant pests (as well as other living forms) have natural enemies. IPM is an approach to pest control that includes monitoring insect populations as well as cultural, mechanical, biological, and chemical techniques for controlling insect pests. Biological pest control is a beneficial strategy that IPM practitioners utilise to prevent the growth of dangerous organism populations. Researchers in the domains of agriculture, microbiology, entomology, pathology, nematology, ecology, botany, zoology, and forestry will find the book useful.



## Analysis of Standard Methods to Review Waste Water

Paul R. Gray

ISBN: 9781835352557

HB

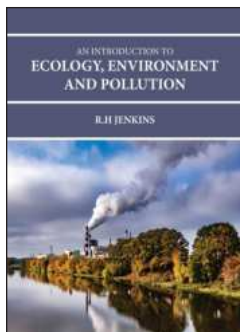
Price: £ 150.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** The demand for consumables and water systems is growing, thus water providers must use elective assets. They must either manage contaminated surface water or recover wastewater. This book brings together the expertise of several experts in the development of novel materials that are specifically designed to remove arsenic and chromium from water as well as the development of novel methods to do so. The book should excite the designers and managers in charge of producing and transporting safe water. They looked at rational theories and reasonable solutions for the complex social, financial, and biological problems relating to the purification, use, preservation, and security of water. The book provides a complete overview of the materials and techniques useful for ensuring the safety of the water and is the first ever logical work directed to the two most dangerous components found in water. The many sorbent and layer creation systems that are currently financially feasible or appear in the development schedule and will become widely used in the coming decades are covered in detail in the book.



## An Introduction to Ecology, Environment and Pollution

R.H. Jenkins

ISBN: 9781835352670

HB

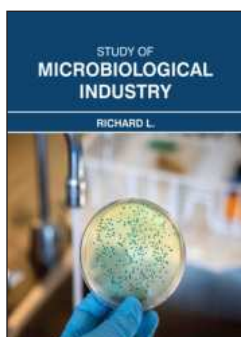
Price: £ 160.00

Size: 7 × 10

Pages: 286

Year: 2025

**About the Book:** Ecology is the scientific study of how organisms interact with their surroundings and how they are distributed and abundant. The study of plant and animal populations, plant and animal communities, and ecosystems are all included in the field of ecology. The web or network of relationships between species at various organisational scales is referred to as an ecosystem. An ecosystem is a population of species in its physical environment that functions as a self-contained, dynamic system. This idea is used to explore the intricate relationships between the diverse organisms that make up the community, including the plants, animals, bacteria, and fungi. The interactions among the community of organisms take many different forms. To a living entity, environment refers to everything nearby. The systematic study of our environment and how we should interact with it is known as environmental science. Environmental science is a relatively new field that integrates natural sciences, social sciences, and humanities to create a comprehensive understanding of our environment. The current book's purpose is to familiarise its readers with current research trends in the fields of ecology, environmental science, and pollution.



## Study of Microbiological Industry

Richard L.

ISBN: 9781835352748

HB

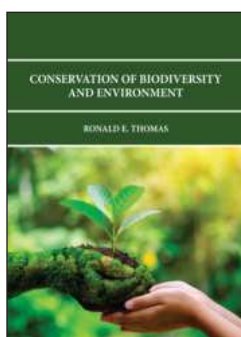
Price: £ 155.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** In the field of applied microbiology known as industrial microbiology, microbes are utilised in industrial processes to produce high-value goods like pharmaceuticals, chemicals, fuels, and power. Industrial Microbiology offers a structured method of learning by outlining all the key points in a straightforward, consistent, and methodical manner. New organisms and biological processes, such as antimicrobial medications, are discovered in the field of industrial microbiology. Yeasts and other organisms are employed in baking, the brewing of alcoholic beverages, and the generation of biofuels. Industrial microbiologists could also be in charge of bioremediating contaminated water, soil, and air. Industrial microbiology deals with the mass production of industrial goods or food using microorganisms. Industrial microbiology uses a variety of microorganisms, including naturally occurring species, mutants chosen in a lab, and even genetically modified organisms (GMOs). The several microorganisms that have industrial uses and the roles they play are briefly described in the sections that follow. Prokaryotic bacteria known as archaea have the capacity to maintain populations in a variety of odd and frequently severe settings. In essence, the book examines how advancements in microbiology have affected industrial processes and present advances.



## Conservation of Biodiversity and Environment

Ronald E. Thomas

ISBN: 9781835352779

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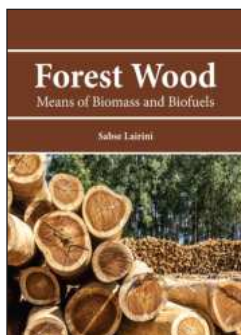
Price: £ 150.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** The diversity of all the genes, animals, and ecosystems that exist on our planet is known as biodiversity. It offers a plethora of products and services to humanity, including food, fuel, and materials in addition to the genes that safeguard our crops and treat sickness. One of the most urgent environmental and development challenges is the destruction of the earth's biological variety. Maintaining biodiversity is undoubtedly one of the conditions for achieving this goal. Sustainability emphasises the idea that the use of natural resources today shouldn't limit the alternatives for future generations. The extraordinary rise in environmental awareness and concern at all levels, as well as the growing understanding of the connections between ecosystem health and human well-being, are all addressed through conservation of biodiversity. This book offers a thorough and understandable overview of the major worldwide concerns relating to biodiversity. It summarises data on the state of the earth and describes some of the major ecological relationships between people and the rest of the material world.



## Forest Wood: Means of Biomass and Biofuels

Sabse Lairini

ISBN: 9781835352892

HB

Price: £ 165.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** A typical solid biofuel is wood, commonly referred to as woody biomass. It has been used for cooking and heating for a very long time. Bioenergy is a form of renewable energy produced from substances generated from biological sources. Wood is our oldest renewable energy source, and as much of the world works to lessen its reliance on fossil fuels, energy corporations and nations alike are turning to it once more. However, there are several drawbacks to using wood for bioenergy and biofuels. The ability to get the wood required for those uses on a sustainable basis is the main issue. Renewable power, heat energy, and transportation fuels (biofuels) can all be made from biomass. Biomass is one of the most prevalent and widespread resources in the world when compared to other resources that are available. In light of this, biomass has the potential to be a source of sustainable energy both locally and globally. The book is divided into three sections, presenting non-wood and non-forest products derived from forestry, arboriculture, or wood processing, agricultural biomass (natural fibres), derived from agricultural harvesting or processing, and, finally, energy crops, including high yield crops and grasses cultivated specifically for energy production.



## Management of Forest: Introduction to Recent Technologies

Sergio France

ISBN: 9781835352960

HB

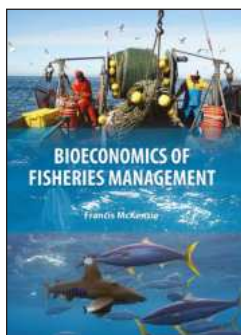
Price: £ 155.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** Conservation and management of wildlife, timber products, genetic resources, and other forest values are all concerns of forest management, which must also adhere to the legal, economic, social, technological, and scientific considerations controlling the protection and regulation of forests. The process of organising and putting into practise procedures for the stewardship and use of forests and other forested land to satisfy particular environmental, economic, social, and cultural goals is known as forest management. It covers all administrative, financial, legal, social, technological, and scientific issues pertaining to both natural and planted forests. It may involve varied degrees of intentional human intervention, from favouring certain socially or commercially useful species to those aimed at protecting and sustaining forest ecosystems and their functions. The Forest Service and certain states in the Northwest are researching new forestry, but environmentalists argue that there is insufficient data on the practice's impacts on old growth stands to justify its adoption. According to timber corporations, in order to meet demand, more and larger tracts would need to be harvested. Through practical examples, this book gives students a concentrated grasp of current forest management concerns.



## Bioeconomics of Fisheries Management

Francis McKenzie

ISBN: 9781835357378

HB

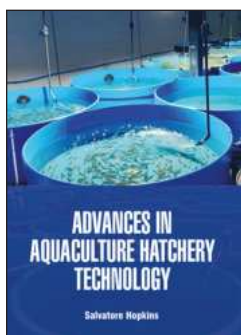
Price: £ 170.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** Bioeconomics emerged in the mid-1950s with Canadian economists Scott Gordon and Anthony Scott, building on Schaefer's biological fisheries models. These models established a relationship between fishing activities and biological growth, integrating ecology, environment, and resource protection. Despite scientific advances, fisheries management often fails due to inadequate data and complex objectives spanning biological, economic, social, and political realms. Effective management must balance these objectives, as depleted fish stocks undermine economic and social goals, and vice versa. Traditionally, fishery management focused on sustaining fish stocks through regulations on fishing effort, vessel numbers, gear restrictions, and harvesting time. These measures aimed to prevent overfishing and ensure sustainable yields. Fisheries economics, an interdisciplinary field, combines economic analysis with stock population dynamics. This book is a valuable resource for researchers, fisheries economists, professionals, and students.



## Advances in Aquaculture Hatchery Technology

Salvatore Hopkins

ISBN: 9781835357682

HB

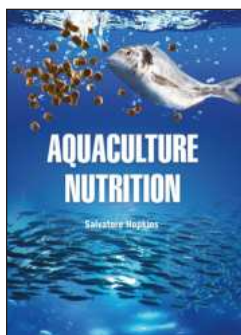
Price: £ 170.00

Size: 7 × 10

Pages: 272

Year: 2025

**About the Book:** A fish hatchery is a type of aquaculture that cultivates aquatic animals during their early life stages to improve survival rates. In the Great Lakes region, hatcheries are primarily used for stocking fish into wild habitats. However, hatcheries can also produce fish for food, bait, or restoration efforts. Aquaculture is a rapidly growing sector, with around 40% of fish consumed by humans being hatchery-produced. Hatcheries operate like farms and laboratories, where aquatic species are spawned, hatched, and monitored until they are large enough to be transferred to farms or released into the wild. Aquaculture includes raising various fish, crustaceans, bivalves, and plants in controlled environments, enhancing growth and survival. Fish species raised through aquaculture are classified based on their ideal growth temperatures: cold water (trout, salmon), cool water (yellow perch, walleye), and warm water (catfish, tilapia). This book offers a comprehensive guide to current and emerging technologies in hatchery production.



## Aquaculture Nutrition

Salvatore Hopkins

ISBN: 9781835359952

HB

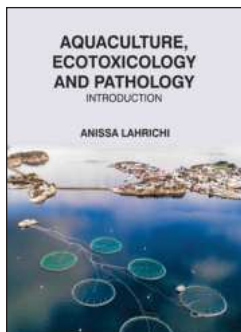
Price: £ 150.00

Size: 7 × 10

Pages: 272

Year: 2025

**About the Book:** Aquaculture, a key part of the global food system, balances between farmed and wild aquatic foods. Despite its rapid growth, the industry faces challenges such as protein source shortages in feed, pathogen susceptibility, and quality deterioration during culture and storage. Bacterial biomass offers a protein source for feed and helps protect against infections and spoilage. Over the past fifty years, aquaculturists have developed innovative technologies to enhance farming operations. As new production methods and species emerge, supporting engineering solutions will evolve. Measuring energy use across aquaculture activities helps identify inefficiencies and potential savings. The primary energy sources for aquaculture are solar radiation and fossil fuels, with no system relying solely on solar energy. This book provides a comprehensive review of fish nutrition, valuable for industry professionals and fish feed manufacturers.



## Aquaculture, Ecotoxicology and Pathology: Introduction

Anissa Lahrichi

ISBN: 9781835350188

HB

Price: £ 150.00

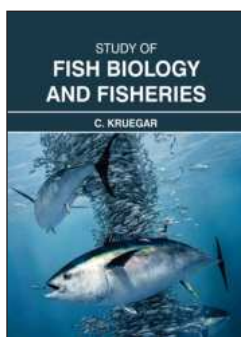
Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** The farming of fish, crustaceans, mollusks, aquatic plants, algae, and other species is known as aquaculture, commonly referred to as aqua-farming. It plays a bigger role in the production of food around the world. Because of the possible environmental effects, particularly on the health of freshwater ecosystems and oceans, disease control in aquaculture is crucial. The most recent developments in pathology, ecotoxicology, and applicability to aquaculture studies are highlighted in this book. This book demonstrates the potential applications of various management techniques and cutting-edge nanotechnology for the prevention and treatment of diseases in aquaculture. It offers comprehensive discussion of all the key facets of aquaculture, making it the ultimate, most important, and classic book on the subject. The book contains in-depth information about the field's theories, applications, nutrition, and diseases. Workers in aquaculture, agriculture, and fisheries will also find a lot of value and intrigue. This seminal work should be available in every library in academic and research institutions where biological and veterinary sciences are studied and taught.





## Study of Fish Biology and Fisheries

**C. Kruegar**

ISBN: 9781835350430

HB

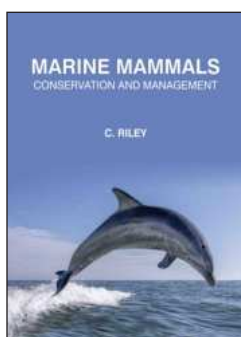
Price: £ 155.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** The book Fish Biology and Fisheries aims to facilitate the integration of fish biology and fisheries research. These two topics might not seem like they would require any more integration. In terms of the nation's food supply, employment, income, and foreign exchange profits, fishing is a significant economic industry. Millions of fishermen and several enterprises rely on fish as one of the major sources of affordable protein for human consumption. This modest piece of work, which eventually became Essentials of Fish Biology, was inspired by the lack of a thorough treatment of fish biology. Because it covers a wide range of fish biology topics, it will be interesting not only to ichthyologists but also to professional fishery biologists who want to understand the fundamental structure and how fishes use their bodies on a daily basis. For undergraduates and graduates seeking for a thorough source on a wide range of issues in fish biology and fisheries, this is the perfect textbook on fish biology.



## Marine Mammals: Conservation and Management

**C. Riley**

ISBN: 9781835350478

HB

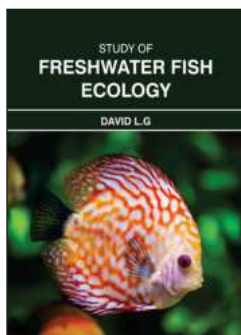
Price: £ 150.00

Size: 7 × 10

Pages: 298

Year: 2025

**About the Book:** Worldwide maritime habitats contain marine animals. They are a diverse collection of animals, having special physical traits that enable them to survive in the harsh conditions of the ocean, including its tremendous depths, pressure, and darkness. The management and conservation of marine animal populations around the world are the topics of this book. It offers a thorough, current analysis of how we handle interactions with whales, dolphins, seals, and dugongs. It explains the interactions between marine mammal populations and wild fisheries and aquaculture, as well as how we oversee the preservation of whale, dolphin, and seal populations. The management and protection of marine animals are also discussed in the book, along with topics such as ethics, genetics, acoustics, ecological models, and pollution are affected. Based on the most recent taxonomy, it thoroughly defines each species and covers a wide range of biological, ecological, and sociological aspects of marine animals. The goal of this book is to both summarise the current state of the art and to promote new ideas and additional advancements in this field of study. For all individuals interested in marine mammals, including scientists, managers, policymakers, business representatives, and students, it is an essential and easily available resource.



## Study of Freshwater Fish Ecology

**David L.G**

ISBN: 9781835350768

HB

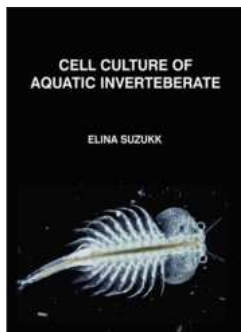
Price: £ 160.00

Size: 7 × 10

Pages: 422

Year: 2025

**About the Book:** Fish that spend most or all of their life in fresh water, such as rivers and lakes, with a salinity of less than 0.05% are considered freshwater fish. The most noticeable way that these ecosystems diverge from marine settings is in the salt levels. The fish require a variety of physiological modifications in order to survive in fresh water. Freshwater habitats contain 41.24% of all fish species currently recognised. An aquatic or marine animal with vertebrae is referred to as a fish. Except for sharks and rays, which have cartilage, all fish have vertebrae. Despite being stronger than bone, cartilage is more flexible than bone. When they reach adulthood, they typically have gills and fin-like limbs. The shape, size, and appearance of fish vary greatly. The habitat that it lives in will determine everything. At various points throughout the food chain, fish that are a component of the ecosystem contribute to the energy flow. This book provides an introduction to fish ecology by discussing the interactions between fish and the watery habitats they live in. The major ecological issues of habitat utilisation, species interactions, migration, feeding, population dynamics, and reproduction in relation to the primary fish habitats are covered sequentially, chapter by chapter.



## Cell Culture of Aquatic Invertebrate

**Elina Suzukk**

ISBN: 9781835350980

HB

Price: £ 160.00

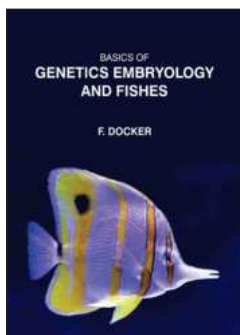
Size: 7 × 10

Pages: 320

Year: 2025

**About the Book:** The study and observation of aquatic invertebrates are becoming more and more popular. This book provides comprehensive information for numerous groups of invertebrates commonly found in streams, lakes, ponds, and other freshwater environments in simple, non-technical language, thus meeting the needs of this expanding audience of naturalists, environmentalists, anglers, teachers, students, and others. This encyclopaedia provides information on the fish and aquatic invertebrates that live in our rivers, lakes, and oceans, giving readers a glimpse into life beneath the surface. It goes into great detail about each species' anatomy, behaviour, habitat, breeding, and conservation status, from minuscule, single-celled animals carried by water currents to enormous, subaqueous powerhouses. The introduction to aquatic invertebrates is described in Chapter 1. All animals other than the vertebrate members of the chordate phylum are referred to as invertebrate under the general term. The different marine invertebrates covered in Chapters 2–12 include protozoans, sponges, hydrostatic skeletons and cnidaria etc. The characteristics, categorization, and lifecycle of the aforementioned aquatic invertebrates are covered in chapters 2 through 12.





## Basics of Genetics Embryology and Fishes

**F. Docker**

ISBN: 9781835351055

HB

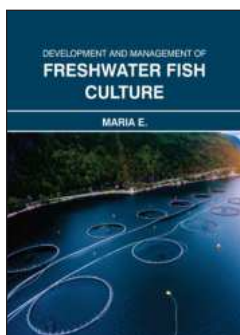
Price: £ 160.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** This book provides an overview of controversial concepts in genetics and embryology as they relate to the ear and touch organs that let us hear and adjust. It provides a special resource that connects systems at the atomic, cellular, and structural levels to support research into the development of the hearing and vestibular senses. Different representations are used to assist convey current ideas. This article describes genes and gene components associated with layer channels, atomic flagging falls, translation elements, and more. The authors discuss the importance of genes, subatomic particles, and cell associations to normal development as well as to human inner ear diseases including deafness and adjustment problem. The interest in chromosome analysis in both critical and connected (aquaculture, preservation and response to poisons, entire genome sequencing of model fish species) research has increased as a result of recent advances in fish cytogenetics. Despite the fact that the genetic materials, or chromosomes, are fundamentally the same in all living things, experience has clearly shown that fish chromosomes require special handling.



## Development and Management of Freshwater Fish Culture

**Maria E.**

ISBN: 9781835352106

HB

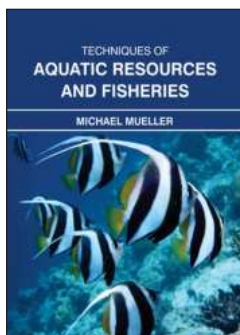
Price: £ 165.00

Size: 7 × 10

Pages: 354

Year: 2025

**About the Book:** The aquaculture industry heavily relies on ponds, reservoirs, lakes, rivers, and other inland waterways (including brackish water) for the purpose of raising and breeding aquatic animals (fish, prawns, crab, shellfish, etc.) and plants for economic gain. One of the international commodity marketplaces with the strongest growth rates today is the fish and fisheries sector. This book offers not just thorough technique but also achieves a reasonable balance between more technical issues and practical applications. The production and management of fish species that are significant for commerce are fully described in the book. Current research reports and developments on the subject have been painstakingly integrated into this book. This book's goal is to serve as a helpful resource for aquaculture business owners, engineers, and investors. Figures, tables, and pictures aid in clarifying key ideas. The book's themes are covered in a way that makes them simple for pupils to comprehend. It is appropriate for both trained professional fish cultivators and inquisitive laypeople due to the writing's clarity and completeness of detail.



## Techniques of Aquatic Resources and Fisheries

**Michael Mueller**

ISBN: 9781835352298

HB

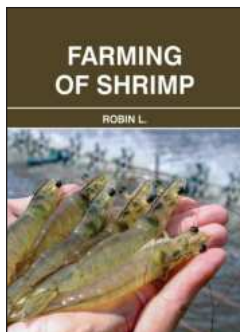
Price: £ 165.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** A tradition of about 4,000 years exists in aquaculture. It may have started in China as a result of an emperor's desire to have a steady supply of fish. The methods for storing fish in ponds are thought to have begun in China with fishermen who temporarily preserved their extra catch in baskets immersed in rivers or tiny bodies of water made by damming one side of a river bed. Another theory holds that fish trapping techniques from the past gave rise to aquaculture, with the operations eventually developing into full-fledged husbandry methods from trapping to holding to growth. The aquatic resources that are directly or indirectly helpful to man are discussed in the book Aquatic Resources and Fisheries Techniques, with a focus on fish, crustaceans, and sea weeds that are eaten by people. The principles and operation of modern fishing gear and methods have been thoroughly described in the book, in addition to descriptions of the ancient techniques used to capture these aquatic animals and the gradual evolution of fishing techniques and gears as they relate to biotic communities' habitats, modes of life, and migration patterns. The book is meant for academics, researchers, and working professionals in the field of fisheries.



## Farming of Shrimp

**Robin L.**

ISBN: 9781835352755

HB

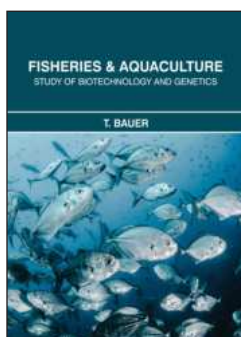
Price: £ 160.00

Size: 7 × 10

Pages: 286

Year: 2025

**About the Book:** Shrimp farming is an aquaculture enterprise that produces prawns for human consumption in either a marine or freshwater environment. Due to the increasing demand, particularly in the USA, Europe, and Japan, prawn farming has become one of the most significant economic activities in many tropical countries of Asia and Latin America over the past three decades. Exports of prawns greatly boost the national economy, create jobs, and support livelihoods. In recent years, prawns has developed into a large consumer good that contributes significantly to international trade. Since the prawns are frequently kept in ponds that are quite densely populated, diseases can easily spread there. An outbreak almost completely destroyed the aquaculture prawn sector in the late 1980s. Shrimp farming has increased shrimp availability to a hungry, shrimp-loving populace in the U.S., Europe, Japan, and other countries. Profit-driven investors have industrialised farming practises while intensifying farming practises, often at severe environmental cost. The principles and practises of prawn culture at one point in time are described in this book, which also details current conditions.



## Fisheries & Aquaculture: Study of Biotechnology and Genetics

**T. bauer**

ISBN: 9781835353066

HB

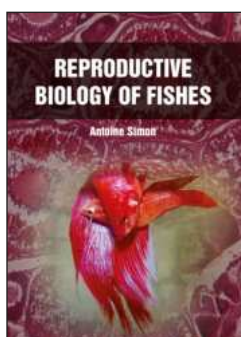
Price: £ 155.00

Size: 7 × 10

Pages: 308

Year: 2025

**About the Book:** In light of distributed writing, the importance of biotechnology in the fields of fisheries and aquaculture is examined. Aquaculture is the breeding and raising of oceanic life forms, and it is the fastest-growing food sector on the world with a growing role in the economies and secure food systems of nations. Due to the ongoing depletion of fish stocks, growing amphibian life forms including fish, shellfish, mollusks, and sea plants is currently a significant global industry that supplies a significant portion of the oceanic products consumed. Future potential major risks include a lack of food supply and excessive prices, and seagoing products are crucial sources of protein and essential dietary components for global food security and curing disease. Through the creation of new jobs, aquaculture also plays a significant role in rural economies. In these circumstances, aquaculture yields should be enhanced slightly in order to satisfy the increasing demand for fish and other sea-going products in the upcoming years. This book discussed the importance of biotechnology in aquaculture and plans for the environmentally sound use and management of water as well as the impossibility of improving fisheries through social biotechnology.



## Reproductive Biology of Fishes

**Antoine Simon**

ISBN: 9781835357118

HB

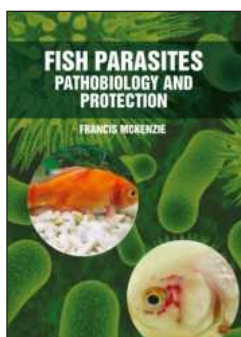
Price: £ 170.00

Size: 7 × 10

Pages: 268

Year: 2025

**About the Book:** Fish reproduction methods vary, with most fish laying numerous small eggs that are fertilized and scattered externally. Pelagic fish eggs float in open water, while shore and freshwater fish often lay eggs on the bottom or among plants, some with adhesive properties. High egg and juvenile mortality means few reach maturity. Nearly all fish reproduce sexually, with most species having separate sexes, and external fertilization is common. Oviparous fish lay eggs that develop outside the mother's body, while ovoviviparous fish, including some sharks, have eggs develop inside the mother without maternal nourishment. Fertilization can be external or internal, and some fish have adapted fins for internal fertilization. Embryo development can also be external or internal, with some species transitioning between the two. Thierry Lodé classified reproductive strategies into five categories: ovuliparity, oviparity, ovo-viviparity, histotrophic viviparity, and hemotrophic viviparity. This book explores the genetic, physiological, behavioral, ecological, evolutionary, and applied aspects of teleost reproduction, highlighting the adaptive diversity of reproductive strategies.



## Fish Parasites: Pathobiology and Protection

**Francis McKenzie**

ISBN: 9781835357385

HB

Price: £ 150.00

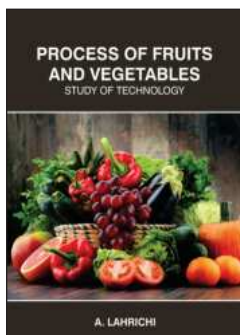
Size: 7 × 10

Pages: 328

Year: 2025

**About the Book:** Parasites are small animals that need one or more hosts to complete their life cycle and generally cannot survive outside their host. Their presence may or may not affect the host's health. Both freshwater and saltwater fish can harbor parasites that infect humans. Fish roundworms are found in saltwater fish, fish tapeworms in cold freshwater fish, and fish flukes in temperate and warm freshwater fish. Freezing fish at -20°C for 24 hours or -35°C for 15 hours, or heating it above 60°C for at least 1 minute, can kill these parasites. Parasites are common in fish and can provide insights into host population ecology. In fisheries biology, they help distinguish different populations of the same species. Parasites have specialized traits and life-history strategies for colonizing hosts, which helps understand host parasite-avoidance strategies. This book offers comprehensive, up-to-date information on fisheries in straightforward language for easy reading and quick assimilation.

# Food Science, Health & Nutrition



## Process of Fruits and Vegetables: Study of Technology

A. Iahrichi

ISBN: 9781835350072

HB

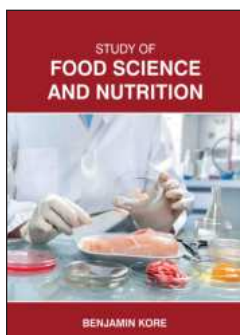
Price: £ 160.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** Both fruits and vegetables are essential ingredients in many prepared cuisines as well as true food items in their own right. Examining of their importance to wellness and protective measures for the wholesome and tangible traits desired by purchasers has been emerging. This actual gathering provides an overview of some of the major themes in this recent study. This book addresses the principles and recent advancements in fresh-cut foods handled from the ground up using a multidisciplinary approach. It tends to make logical progressions in the fresh-cut category and discusses the industry and market for these products. They also look at innovations in producing attractive and sound goods. Only a few ideas that could expand the market for fresh-cut items include the use of inventive bundling technology that could improve product quality and the timeframe of realistic usability, new natural product blends with more variety, consolidation of flavours, or the use of steamer sacks for vegetables. This book describes cutting-edge breakthroughs and their practical applications by focusing on science, encompassing biochemical, physiological, microbiological, and quality aspects as well as health considerations and customer science.



## Study of Food Science and Nutrition

Benjamin Kore

ISBN: 9781835350324

HB

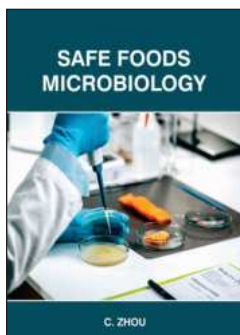
Price: £ 155.00

Size: 7 × 10

Pages: 376

Year: 2025

**About the Book:** Food science is a highly practical, cross-disciplinary field of study. It includes ideas from a wide range of disciplines, including biochemistry, chemical engineering, and microbiology. The study of nutrition focuses on how the body reacts metabolically and physiologically to food. The study of nutrition is becoming more and more concerned with metabolism and metabolic pathways—the series of biochemical steps by which substances in living organisms transform from one form to another—as a result of developments in molecular biology, biochemistry, and genetics. A thorough textbook specifically created to fulfil the demands of students studying hospitality studies, hotel management, and catering technology is called Food Science and Nutrition. All facets of food, nutrition, and human health are thoroughly covered in Food Science and Nutrition. This book's objective is to provide readers with a comprehensive and current understanding of food science and nutrition. This book was developed with the intention of educating readers about the science behind handling food in a technical and scientific way while maintaining its nutritional value



## Safe Foods Microbiology

C. Zhou

ISBN: 9781835350485

HB

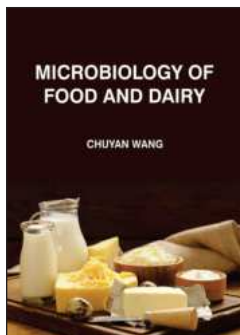
Price: £ 155.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** This book focuses on cutting-edge developments to provide microbiologically safe foods for our global dinner table. Every component includes the most recent scientific findings, particularly in the areas of food preparation, pre- and post-harvest food security, quality assurance, and administrative information. The book opens with a general discussion of microbial dangers and the ramifications for everyone's health. In order to identify potential sources of human food borne diseases, it then moves on to review the production processes of numerous food types, including dairy, eggs, beef, chicken, and products of the soil. The designers target the expanding market for handled foods as well as cutting-edge mediations, such as imaginative food packaging and inventions to reduce waste life forms and lengthen time of usability. Each section also includes information on waste management, pathogens of concern, sources of contamination, factors affecting the survival and growth of pathogens and deterioration life forms, indicator microorganisms, strategies for maintaining product quality and reducing destructive microbial populations, microbiological guidelines for finished result testing, routine microbiological and subatomic procedures, and administrative issues.



## Microbiology of Food and Dairy

Chuyan Wang

ISBN: 9781835350591

HB

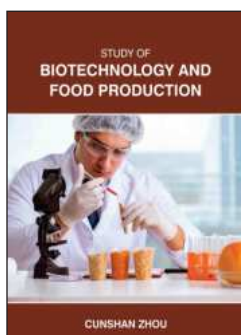
Price: £ 155.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** Food microbiology is a subfield of applied microbiology, and its application is growing rapidly to safeguard food against microbial decomposition and supply consumers with healthy food. We are currently experiencing a global food crisis; food produced is food saved. The study of the fundamental factors influencing the existence, activity, and management of microbes in food is known as food microbiology. With a plethora of useful knowledge about the most important aspects and principles that affect microorganisms in food, the course also includes the main concepts needed to achieve the minimal standards for degrees in food science. The main focus of food microbiology is the use of microbes in the production of food, drinks, cheese, yoghurt, tempeh, kimchi, beer, and wine, among other things. Microorganisms gather and alter molecules within and on the surfaces of all living things, as well as in soil and water, to extract energy and ingredients for growth. Food microbiology is becoming a fascinating and difficult subject. The connection between microorganisms, foodborne illnesses, and food fermentations is one of the key topics covered in the current book.



## Study of Biotechnology and Food Production

Cunshan Zhou

ISBN: 9781835350638

HB

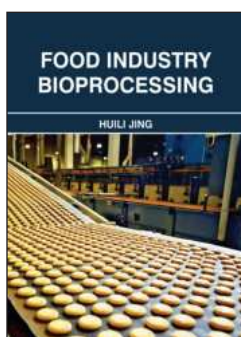
Price: £ 160.00

Size: 7 × 10

Pages: 402

Year: 2025

**About the Book:** The goal of biotechnology in the food processing industry is to increase process control, yields, and efficiency as well as the quality, safety, and consistency of goods produced through bioprocessing. The term "biotechnology" is broad and refers to a variety of intricate technological and biological processes. They are primarily connected to agriculture and food. To improve the nutritional value of different food types and thus the quality of human life, biotechnology is used. Recombinant DNA techniques are being used to biological creatures, systems, and processes in an exciting new biology that is being used to boost agricultural output and enhance human and animal health. Genetically modified starter cultures, genetically modified foods, the use of all these contemporary technologies in diagnostics for food testing, the role of biotechnology in food production by increasing food production, improved harvesting, and storage, the role of biotechnology in food production by bringing about desired changes in food, and a variety of other towering value-added products. The use of biotechnology in the production of food is the main topic of this book. It talks about biotechnology resources and choices that can be used for research and development.



## Food Industry Bioprocessing

Huili Jing

ISBN: 9781835351345

HB

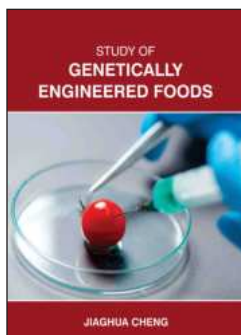
Price: £ 170.00

Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** For a very long time, food production has used bio processing. In reality, Sumerian brewers used bio processing as early as 3,500 B.C. to produce a popular beverage that many people still partake in today. As the name suggests, bio processing involves using live things and their parts to produce new goods. Pharmaceuticals, eco-friendly materials, alternative energies, and even many of the meals we like are frequently produced through bio processing. Fermentation is the process by which microorganisms and their enzymes cause these desired modifications in food materials. Additionally, many of these high-value goods are imported by developing nations for use in food processing. In order to develop and establish systems to produce high quality, safe foods, as well as feeds and other industrial items, in an acceptable manner for the environment and in a sustainable manner, the food, food biocatalysts, and bio-processing sectors face significant obstacles. The text is backed up with a tonne of simple, illuminating diagrams. Graduate students and researchers in applied biology, biotechnology, microbiology, and biochemical engineering would find the book to be of great interest.



## Study of Genetically Engineered Foods

Jiaghua Cheng

ISBN: 9781835351635

HB

Price: £ 165.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** Foods that have undergone genetic engineering processes to induce specific modifications into their DNA are referred to as genetically modified foods. The primary goal of genetically modified crops is to create food that can endure the application of any dangerous chemicals, pesticides, or herbicides. Foods that have undergone genetic engineering have had their DNA altered using genes from other plants or animals. The desired trait's gene from one plant or animal is taken by scientists and put into the cell of another plant or animal. Bacteria, other incredibly small organisms, plants, and animals can all be genetically modified. Scientists can transfer desirable genes from one plant or animal to another via genetic engineering. It's still debatable whether or not these genetically altered foods are actually healthy, and frequently you don't even realise you're buying genetically altered food. Researchers in the fields of agriculture, agricultural improvement, biotechnology, etc. will benefit from the book. Additionally, it will aid in improving students' and teachers' comprehension of the material.



## An Understanding of Food Science and Quality Control

Jiao tian

ISBN: 9781835351642

HB

Price: £ 170.00

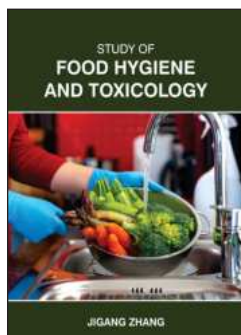
Size: 7 × 10

Pages: 302

Year: 2025

**About the Book:** The book's association is designed to promote fruitful learning interactions. This book seeks to improve the health and welfare of our population by inspiring instructors and students to apply their knowledge. This book is intended to assist our readers in comprehending: 1. How food serves to meet our nutritional demands. 2. How to address the nutritional needs of people using the food supply. 3. Prices are not indicators of food value; rather, they are indicators of supply and demand. 4. Preparation methods that make it fun for us to meet our needs. 5. Meal planning is a technique for ensuring that the family's nutritional needs are met through delectable meals. 6. Food availability is aided by preservation. 7. Protecting the supply through wise selection, meticulous storage, and careful planning. 8. One's consumer responsibility.





## Study of Food Hygiene and Toxicology

Jigang zhang

ISBN: 9781835351666

HB

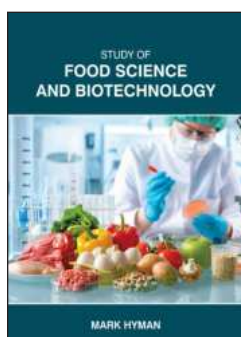
Price: £ 155.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** Food is one of the most fundamental elements necessary for human survival, and as consumers' awareness of health, cleanliness, and sanitation issues has grown, they have at last begun to pay attention to the issue of food cleanliness. A customer's primary concerns are related to the safety, validity, and quality of their meal. In the modern day, when outbreaks of food-borne diseases are common, food control techniques have become critically important. These techniques should not only emphasise maintaining clean food in all respects; they should also be efficient, reliable, and useful. In-depth descriptions of some of the mechanical and domestic food sanitation techniques are provided in this book. It is anticipated that this book will be extremely helpful to those who handle food in a variety of jobs because it has been distributed with their needs in mind. Therefore, we hope that this book will not only be read by those who are currently in charge of the design, construction, and installation of food plants as well as the product quality and safety in food firms, but also, in particular, by those who will take on such responsibility in the future.



## Study of Food Science and Biotechnology

Mark Hyman

ISBN: 9781835352144

HB

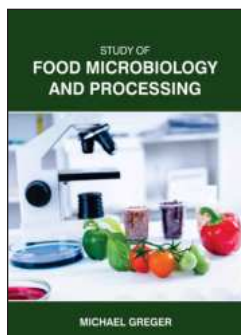
Price: £ 160.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** Food science focuses on a variety of fields, including biology, chemical engineering, and biochemistry, in an effort to better understand food production and, eventually, enhance consumer food products. Food scientists investigate the chemical, microbiological, and physical characteristics of food in their capacity as field stewards. Food biotechnology is a tool that can be applied to numerous fields, such as food science, nutrition, dietetics, and agriculture. To improve the food we eat and how it is produced, food biotechnology makes use of what is known about genetics and plant science. It is crucial to determine the most significant factual messages and to present them in a clear and succinct manner because the subject of food biotechnology continues to be complicated and perplexing. Then, presenting one or more evidence-based arguments can support this understanding. Scientists employ food biotechnology to improve the production, nutritional value, safety, and flavour of food. An overview of food components and an assessment of the elements that affect food and water quality set the stage for the discussion of food science fundamentals. The book contains knowledge that will be helpful to those working in the food chain, including food engineers, chemists, biologists, ingredient suppliers, and others.



## Study of Food Microbiology and Processing

Michael Greger

ISBN: 9781835352281

HB

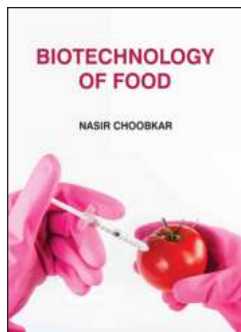
Price: £ 160.00

Size: 7 × 10

Pages: 328

Year: 2025

**About the Book:** The field of food microbiology is extremely broad and expanding quickly. the investigation of microbes that can affect a food's quality and safety, both when it comes to unprocessed foods and when they are processed. The principles of food microbiology and a grasp of how to manage microorganisms will be covered in the Microbiology and Food Safety course. It will increase understanding of the value of process control, hygiene, and sanitation in the setting of food processing. The most crucial microorganisms for the food processor are bacteria. Most are risk-free, many are quite helpful, others hint at the potential existence of squalor, disease germs, or rotting, and a select few are disease-causing. Numerous bacterial species exists, however they are all single-celled and have one of three basic shapes: spherical, straight and spiral rods. Many unskilled labourers who work in significant numbers in the food processing industry, can study this reference. For those who work in the food-processing industry, state and local government organisations, and academic institutions, this book will prove to be an invaluable resource for learning about food microbiology firsthand.



## Biotechnology of Food

Nasir choobkar

ISBN: 9781835352380

HB

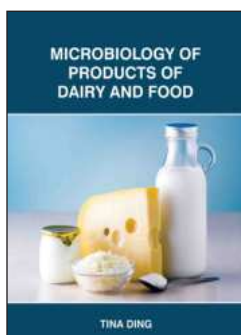
Price: £ 160.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** Food manufacturing and processing have long used biotechnology in these processes. To make wine, beer, and bread, fermentation, a type of biotechnology, has been utilised for ten thousand years. Selective breeding has been practised for ages on animals like horses and dogs. Selective breeding has produced thousands of regional variations with higher yields than their wild progenitors of staple grains like rice, maize and wheat. Today, scientists use methods like recombinant DNA (rDNA) thanks to more recent developments in biotechnology and genetic engineering. Using rDNA, researchers can transfer a gene—the genetic blueprint for a particular trait—from one organism to another while excluding any undesired features. This makes it possible for food producers to acquire enhancements to animals and crops in a way that is much more exact, controlled, and predictable. The book serves as an excellent text for a course because it provides an in-depth and understandable description of contemporary food biotechnology. It is beneficial to researchers working in the biological sciences, biotechnology, and food science and technology as well as undergraduate and graduate students.



## Microbiology of Products of Dairy and Food

Tina Ding

ISBN: 9781835353189

HB

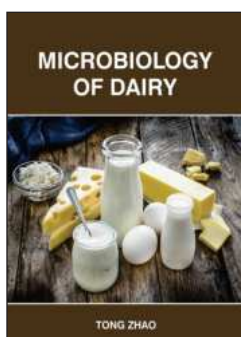
Price: £ 165.00

Size: 7 × 10

Pages: 342

Year: 2025

**About the Book:** A thorough and understandable description of the numerous bacteria connected, either directly or indirectly, to foods and dairy products is provided in Food and Dairy Microbiology. The study of the fundamental factors influencing the existence, activity, and management of microbes in food is known as food microbiology. With a plethora of useful knowledge about the most important aspects and principles that affect microorganisms in food, the course also includes the main concepts needed to achieve the minimal standards for degrees in food science. A dairy is a structure used to collect animal milk for human use, typically from cows or goats but occasionally from buffalo, sheep, horses, or camels. A dairy is often found on a farm with a specific focus on milk production, such as a dairy farm, or in a part of a larger farm. The book will serve as a highly helpful text for students, a source of references for researchers and fundamental advice for teachers on the subjects.



## Microbiology of Dairy

Tong Zhao

ISBN: 9781835353196

HB

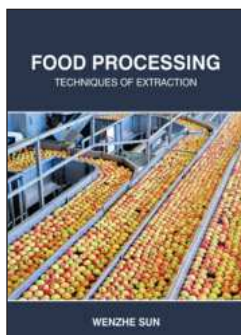
Price: £ 170.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** This extensive book offers a comprehensively revised and extended treatment of dairy microbiology, including everything from fundamental knowledge on dairy foods to specialised areas such as the microbiology of milk, raising animals, probiotics, and the conversion of milk into useful products. The rumen's microbiology and the function of microbes in the production of milk are covered in Applied Dairy Microbiology. The book provides solutions to issues with raw milk, fluid milk products, concentrated, and dried milk by examining the sources and contamination of raw milk. The current book offers a comprehensive study of both theoretical concepts in dairy microbiology as well as real-world applications, covering the most recent advances in dairy starter cultures and genetic engineering methods. Additionally, the book provides entirely revised standards for good manufacturing practice, quality control, and practices for product creation.



## Food Processing: Techniques of Extraction

Wenzhe sun

ISBN: 9781835353325

HB

Price: £ 160.00

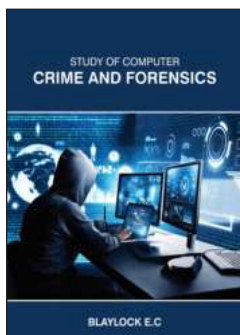
Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** The process of extraction is becoming more and more significant. In general, it is more energy-efficient than rival procedures like expression, which involves crushing biological feed materials to release fluids. The need for the development of new and clean technologies for the processing of food products has been highlighted by the high cost of contemporary extraction techniques, the tightening environmental regulations, as well as the new requirements of the medical and food industries for ultra-pure and high value added products. To create varied food shapes for consumers, the food processing business employs a variety of procedures. Skins from fruits can be removed using separation techniques, as can water from liquids and whey from cheese. Each separation method is tailored to the volume of trash to be eliminated and the toughness of the raw food being processed. This is the primary motivation behind the publication of this book at this time, to highlight the abundance of information that is currently becoming available on reactions in food processing and the use of reaction technology to put this information to use.

# Forensic Science



## Study of Computer: Crime and Forensics

**Blaylock E.C**

ISBN: 9781835350355

HB

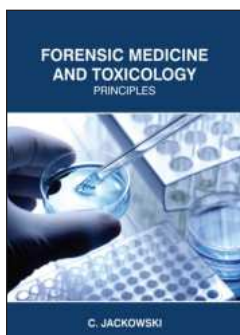
Price: £ 170.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** When a computer or computer technology is used to commit or conceal a criminal offence, it is called a "cyber crime." White-collar criminals employ cybercrime in its many forms to hack into financial institutions, drug distributors, prostitution networks, and organised crime. Fraud, virus and denial-of-service attacks, information theft, and theft of money are only a few of the crimes committed with computer technology. A subfield of forensic science known as "digital forensic science" focuses on the recovery and examination of data from digital devices that is connected to cybercrime. Computer forensics was the original meaning of the word "digital forensics." Since then, it has broadened to include any device that has the ability to store digital data. Computer forensics is crucial in today's world because, as the field of computer forensics has developed over time, hackers and malicious users have improved the methods they use to compromise computer systems, steal money and private information, including sensitive national security data. The only thorough study of computer-related crime and its investigation available is this book. It clearly defines computer crime, gives concrete examples of criminal activity employing computers, and discusses the problem in the context of the criminal justice system. It also includes an extensive study of legal and societal issues.



## Forensic Medicine and Toxicology: Principles

**C. Jackowski**

ISBN: 9781835350409

HB

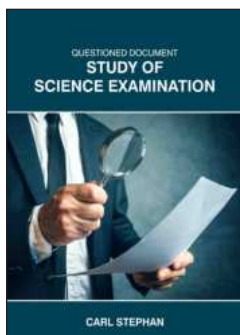
Price: £ 165.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** The science of forensic medicine is concerned with using medical expertise to address legal issues. The first systematic presentation of the subject by the Italian Fortunatus Fidelis in 1598 is more than 1,000 years older than the practise of using medical testimony in legal proceedings. Early in the 19th century, forensic medicine was acknowledged as a field of study. The definition of forensic medicine, often known as forensic medical science, as a multidisciplinary field is the use of medical knowledge in criminal investigations, notably in determining the reasons of death or damage. Additionally, it is used in the scientific analysis of DNA, blood samples, and other materials. One of the most sought-after professions is forensic medicine, especially in India. Due to the countless crimes committed worldwide, there are countless prospects in this industry. The study of how medications and substances affect biological systems adversely is known as toxicology. The use of toxicology for legal or medicolegal objectives is referred to as forensic toxicology. The forensic toxicologist isolates and identifies drugs and poisons from complicated biological specimens using cutting-edge analytical procedures, similar to those employed in hospitals or research labs. Analytical chemistry techniques and instrumental analysis are needed for this. The techniques employed in forensic toxicology laboratories range from gas and liquid chromatography to mass spectrometry, spectrophotometry, and antibody-based immunoassays. This book will accomplish its goals and make the subject easier for students to learn.



## Questioned Document: Study of Science Examination

**Carl Stephan**

ISBN: 9781835350492

HB

Price: £ 165.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** In forensic science, the examination of papers that might be contested in court is known as a "questioned document examination" (QDE). Its main objective is to use scientific procedures and methodologies to offer proof regarding a suspect or dubious document. Evidence may be provided to support modifications, the document's chain of custody, physical damage, forgery, origin, authenticity, or other issues that arise when a document is contested in court. The study of documents and its many components that might be in dispute now or in the future is known as forensic document examination, also known as questionable document inspection. The book carefully examines the challenges of staying up to date with these advances, sometimes with the help of the presentation of various papers. The scientific examination of questioned documents, the actions to be taken by field investigators and trial attorneys, as well as the methods of presenting evidence in court, are all covered in this book for attorneys, investigators, document examiners, and others.



## Forensic Chemistry: Basic Principles

**Ceraudo M.**

ISBN: 9781835350553

HB

Price: £ 155.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** The practice of using our expertise in the science of chemistry to solve crimes is known as forensic chemistry. We can use a number of chemistry-based techniques to help us resolve any problems at a crime scene. A forensic chemist is tasked with spending their time and energy locating, measuring, and analysing unidentified objects at a crime scene. They spend their time examining the evidence from the crime site in the lab. The information is then sent to a detective, who brings all the data from the various departments together and accidentally solves the murder. A forensic chemist is a qualified scientist who conducts tests on evidence collected from crime scenes in order to analyse it and draw conclusions. To identify and categorise the evidence as part of the bigger process of solving a crime is the responsibility of a forensic chemist. Rarely do forensic chemists engage in investigative work; instead, they deal with the evidence gathered from the crime scene. The research, application, and presentation of this book must satisfy the demands of both the scientific and the league communities, making it unique among works on chemical sciences. As a result, forensic chemistry research is by its very nature and design applied and derivative, with a focus on metrology and validation.



## Study of Medical Jurisprudence and Toxicology

David errickson

ISBN: 9781835350751

HB

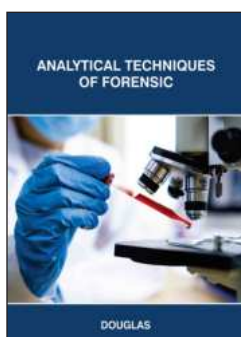
Price: £ 155.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** In forensic medicine, which is sometimes thought of as a subfield of toxicology, the causes of harm or death are investigated by the application of knowledge of the techniques or clinical trials of the drugs. The term "criminalistics" is often used to refer to forensic science, an applied science. Physical evidence is placed into a professional subject by forensic science, which integrates biology, physics, geology, and chemistry with civil and criminal laws. In order to define and uphold the law, forensic science applies scientific knowledge and technology. As essential for the result (response) as the mean, average, or even integrated dose level may be are the variation in exposure throughout the day and the overall duration of exposure over the course of a person's lifetime. Peak exposures may be more dangerous than more even exposures. In the early days of forensics, investigators frequently worked with live data due to a lack of specialised equipment. A wide range of issues are covered by toxicology. Toxicology, for instance, assesses the potential health effects of pesticide or herbicide exposure or the impact of animal feed additives, like growth hormones on humans. Animal tests conducted in laboratories using toxicology to establish dose-response relationships. The impact of waste materials and chemicals on a person's health is another topic covered in toxicology. For undergraduates and graduate students who want to get a fundamental understanding of forensics, this book is a fantastic resource.



## Analytical Techniques of Forensic

Douglas

ISBN: 9781835350881

HB

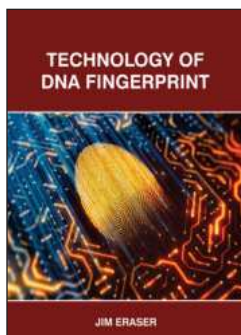
Price: £ 155.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** The use of analysis in law enforcement or the investigation of failed goods or procedures is known as forensic analysis. As a result, forensic analysis research emphasises metrology and validation Department and is applied and derivative by nature and design. Forensic science, forensic technology, and forensic chemistry are all included in forensic analytical chemistry. The application of science to criminal and civil laws is known as forensic science. During an investigation, forensic scientists gather, preserve, and analyse scientific data. While some forensic scientists go to the crime site to gather the evidence firsthand, others work only in the laboratory, performing analysis on things that other people bring to them. The book begins with a brief overview of chemical analysis for forensic application, followed by some discussion of forensic sampling and sample preparation. It then goes on to cover the methods employed in forensic chemical sensing to help solve crimes. The methods outline contemporary forensic science procedures for analytical chemistry, with a focus on the creation of portable detectors to assist law enforcement in the field. The analytical methods pioneered by forensic scientists have grown in sophistication and dependability over time. A number of novel analytical instruments have demonstrated usefulness for toxicological issues in nearly all fields, and the technology is still exploring uncharted territory. Regular self-assessment questions and conversation prompts are used to help readers gauge their understanding of the material.



## Technology of DNA Fingerprint

Jim Eraser

ISBN: 9781835351673

HB

Price: £ 160.00

Size: 7 × 10

Pages: 374

Year: 2025

**About the Book:** Several common titles used to describe DNA fingerprinting include DNA profiling, DNA testing, DNA examination, genetic profiling, DNA distinguishing proof, genetic fingerprinting, and genetic research. DNA can be extracted from any physiological fluid or material. Significant types of samples used include buccal smears, saliva, blood, amniotic fluid, chorionic villi, skin, hair, bodily fluid, and various tissues. There have been a few DNA minisatellite tests that have produced piece profiles that are useful for plant reproduction efforts. When vegetative spread material is broken down, the part profiles are uniform. Additionally, instances obtained from self-inbreeding animals display similar characteristics. It's interesting to note that hereditary recombination results in unusually high, typically single explicit piece profiles in cross-pollinating species. In this way, different cultivars and genotypes can both be identified. This book is organised so that it will inform readers about the sophisticated methods and procedures scientists use to conduct DNA profiling as well as the revolution that DNA fingerprinting brought about in the field of criminal investigations.



## Principles and Practices of Forensic Pathology

Keith Inman

ISBN: 9781835351864

HB

Price: £ 160.00

Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** An application of medical law is forensic pathology. A medical professional who has finished training in anatomical pathology and chosen to specialise in forensic pathology is known as a forensic pathologist. Different nations have different standards for what it takes to become a "fully qualified" forensic pathologist. A forensic pathologist is responsible for determining the cause and manner of death in cases of suspicious death. In the United States, each state has its own laws defining what counts as a forensic case and a framework for carrying out forensic pathology's duties. A chief medical examiner, who must be a doctor, is appointed by a city or county in many states that use the medical examiner system. The practical responsibilities of the forensic pathologist are carried out by a number of associate medical examiners who report to the chief medical examiner. In some states, the coroner system is used, where the chief officer may not be a doctor and instead hires forensic pathologists to perform the essential tasks. A medical discipline called pathology is the study of illness. Through the process of an autopsy, a type of surgery, pathologists can examine disease. During an autopsy, tissues and organs are taken and inspected under a microscope as well as looked at for signs of disease and damage. The pathologist can learn more about a disease by analysing bodily fluids like blood or urine. The investigation techniques and processes that result in accurate determinations of death by homicide, accident, or suicide are examined in the book.





## Forensic Science: Encyclopedia

**M. Nelson**

ISBN: 9781835352052

HB

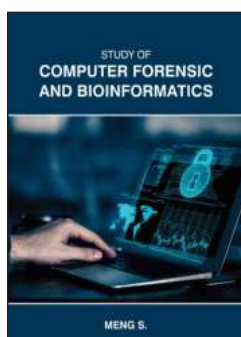
Price: £ 165.00

Size: 7 × 10

Pages: 292

Year: 2025

**About the Book:** In forensic science, crimes are investigated or potential evidence for court cases is examined using scientific procedures or skills. From anthropology and wildlife forensics to fingerprint and DNA analysis, forensic science encompasses a wide range of fields. The application of sciences including physics, chemistry, biology, computer science, and engineering to legal issues is known as forensic science. Investigators can benefit from forensic science by learning the physics behind blood spatter patterns, the chemistry behind trace materials and substances, the biology behind an unidentified suspect, and more. Due to the fact that practically every science can aid in the investigation of a crime or the assessment of civil harm, almost any science can be a forensic science. In reality, forensic sciences investigate the same things as regular sciences, with a few notable differences. The only distinction is that forensic scientists use the procedures and approaches of recognised sciences in legal situations. This book will serve as a useful resource for professional and industrial organisations, health authorities, and the general public. The goal of authoring this book was to demonstrate how technology may be used to your advantage in catching criminals.



## Study of Computer Forensic and Bioinformatics

**Meng S.**

ISBN: 9781835352267

HB

Price: £ 150.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** The discipline of forensic science is becoming more and more dependent on biomolecular data, and several European nations are creating forensic databases to keep track of DNA profiles from crime scenes involving well-known offenders and to conduct DNA testing. The field has benefited from technological and statistical advancements like DNA microarray sequencing, TFT biosensors, and machine learning methods, particularly Bayesian networks, which offer a useful method of organising and inferring from the information. A subset of digital forensics called mobile device forensics deals with recovering digital data or evidence from a mobile device under forensically sound circumstances. Usually used to describe mobile phones, the term "mobile device" can also refer to any digital device with internal memory and communication capabilities, such as PDAs, GPS units, and tablet PCs. Recent advances in bioinformatics, especially massively parallel sequencing (MPS) for DNA analysis, have made it possible to extract priceless information without incurring exorbitant expenditures. This book's goal is to discuss the cutting-edge possibilities of bioinformatics in the field of forensic DNA science. We also talk about how privacy rights issues posed by the extensive integration of databases on crime, public health, and population genetic predisposition to diseases will be handled by bioinformatics.



## Hair and It's Forensic Test

**Michelle D.**

ISBN: 9781835352311

HB

Price: £ 150.00

Size: 7 × 10

Pages: 266

Year: 2025

**About the Book:** An extremely specialised field of forensic science is the study of human hairs. Research on human hair has been the focus of an incredibly broad spectrum of scientific studies. The cosmetics industry, forensic investigators, and biomedical researchers are interested in its chemical and physical qualities. On many different parts of the body, hair is present. Each location, including the head, pubic area, chest, axillae, and limbs, possesses hairs with distinctive microscopical traits. Although it is feasible to identify a hair as coming from a specific body part, the head and pubic areas are the most frequently used body parts in forensic comparisons. Each species of animal possesses hair with characteristics length, color, shape, root, appearance, and internal microscopic features that distinguish one animal from another. Coarse guard or outside hairs, finer fur hairs, tactile hairs like whiskers, and other hairs that grow from an animal's tail and mane are among the different types of hair found on animals. Students studying forensic science, solicitors and forensic scientists themselves will find the book useful.



## Study of Scientific and Investigative Techniques of Forensic Science

**Nuno pessao**

ISBN: 9781835352472

HB

Price: £ 155.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** The science and technique of forensic science, also referred to as forensics, is used to identify and examine crimes using available evidence. The major purposes of forensic science are the investigation of crimes and the enforcement of laws, including both criminal and civil laws. In order to study the past, it is also used in the fields of astronomy, archaeology, biology, and geology. To solve legal problems, it is particularly used as a basis for chemistry and biology. In addition to being a sizable subject, it is divided into numerous fields and studies according to their sorts. The practice of applying science to criminal and civil law is referred to as "forensic science," sometimes known as forensic investigation. Science and criminal justice will be studied by forensic science majors. You will study how to analyse physical evidence, including blood, DNA, fingerprints, and other evidence, and how to use it in a court of law in this major. Additionally, you will learn how to gather data using a variety of laboratory instruments. Some of the more notable developments are in the realm of forensic deoxyribonucleic acid (DNA) analysis and the legislation that permits DNA testing on a larger group of criminals. This book will serve as a useful resource for professional and industrial organisations, health authorities, and the general public. The goal of offering this book is to demonstrate how technology may be used to your advantage in catching criminals.



## Investigation of Crime Scene: Techniques

Patricia Wiltshira

ISBN: 9781835352533

HB

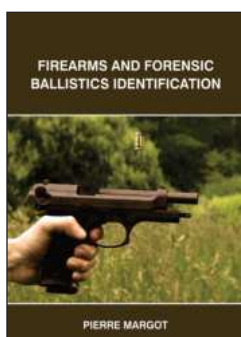
Price: £ 165.00

Size: 7 × 10

Pages: 268

Year: 2025

**About the Book:** Any place that might be connected to a crime is considered a crime scene. Physical evidence that is relevant to a criminal inquiry can be found at crime scenes. Law enforcement and crime scene investigators (CSIs) gather this data. In our criminal justice system, the use of science and technology is crucial to the investigation and determination of crimes. However, before science can be applied to evidence, it must first be identified and properly gathered at crime scenes. A crime laboratory, also known simply as a "crime lab," is a type of laboratory that focuses largely on forensic science and examines evidence from criminal cases. The notion of "forensic science" refers to a broad range of scientific techniques that can be used to demonstrate the commission of a crime as well as to demonstrate the means by which it was committed. In its most basic form, it might be a method for collecting and storing bodily fluids, DNA, and fingerprints without contaminating them, in order to use them as evidence in a police investigation into a particular crime or series of crimes. More than ever, forensic scientists and crime scene investigators rely on technology. The investigators are employing cutting-edge technologies to solve crimes and this book covers all the technologies which are helpful in this domain.



## Firearms and Forensic Ballistics Identification

Pierre Margot

ISBN: 9781835352595

HB

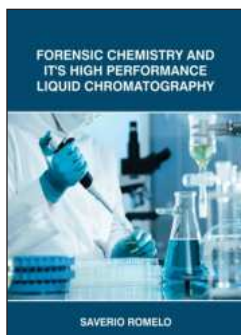
Price: £ 170.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** Examining evidence from guns that may have been used in a crime is a part of forensic ballistics. The examiner will then establish whether the bullets were likely shot from the same gun or from two distinct firearms by comparing how similar the two sets of markings are. The capacity of a firearms examiner to ascertain if a specific bullet or cartridge case was shot from a particular firearm is at the core of the field of forensic firearms identification, often known as ballistics. Small, frequently microscopic marks on bullets or cartridge cases that are specific to the ammunition discharged from that firearm can be used to make this decision. Ballistics, the science of moving projectiles, is a subject that helps firearm examiners in their work. When analysing a handgun or fired bullets in their tests, examiners take into account the interior ballistics, or movement within the firearm. When assessing the evidence for proximity assessments, they may also depend on their understanding of terminal ballistics, the results of a projectile's impact on a target. Forensic ballistics professionals have compared bullets and cartridge cases visually under a split-screen microscope for around a century. The examiner can provide an expert opinion on whether the bullets match after comparison, but they are unable to quantify the strength of the evidence. Forensic scientists, firearms examiners, defense and prosecution attorneys, judges, and police officers should all read this book.



## Forensic Chemistry and Its High Performance Liquid Chromatography

Saverio Romero

ISBN: 9781835352939

HB

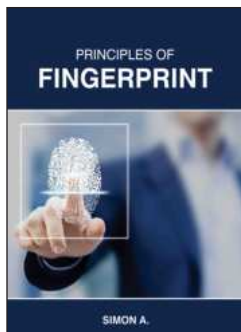
Price: £ 155.00

Size: 7 × 10

Pages: 278

Year: 2025

**About the Book:** Since it outperforms traditional microbiological assays in terms of specificity, sensitivity, and analysis time, high performance liquid chromatography (HPLC) has been frequently utilised for the analysis of antibiotics. The HPLC conditions for the examination of several antibiotics are enumerated in this article. The benefit of HPLC is that it can analyse very small samples and identify minute levels of contaminants in those samples. The Drug Enforcement Administration (DEA) employs HPLC to find minute contaminants in drug samples. The characteristics of these contaminants in the drug samples can be matched to a particular manufacturing process. This information can be utilised to identify which drug gang generated a given sample of drugs because each cartel has a somewhat different manufacturing process and location. HPLC is a non-destructive method that allows for sample recovery if necessary. The method can be made more effective by automating the analysis as the sample typically does not need pre-treatment like chemical derivatization. Analytical textbooks and several monographs both cover the fundamentals and wide-ranging uses of HPLC. The main tasks in forensic toxicology are the identification and measurement of pesticides, other organic toxins, illegal and prescription medicines in human body fluids and tissue samples.



## Principles of Fingerprint

Simon A.

ISBN: 9781835353004

HB

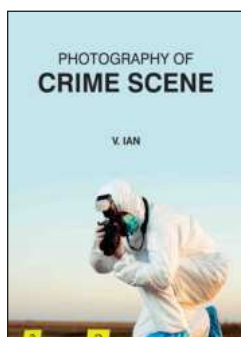
Price: £ 150.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** The treatment of information about complicated samples has led to the introduction of fingerprinting techniques. These techniques have been discovered to be very useful for examining the metabolites emitted under various conditions, including in vivo by living creatures and in vitro by cellular cultures. In order to correlate the content of exhaled air with both normal and abnormal states, breath analysis has produced some intriguing and encouraging results. The friction ridges and furrows that form on the pads of the fingers and thumbs to create fingerprints are distinctive designs. Although the prints from the palms, toes, and feet are equally distinctive and can be used to identify a person, this tutorial focuses on the prints from the fingers and thumbs. Some examiners classify fingerprints as patent, latent, or plastic imprints when they are discovered at crime scenes or when they are created in the lab. If the substrate is flexible enough at the printing stage, a plastic print is produced. The authors clearly outline how to choose the most efficient methods by outlining the methodology used for comparisons of the efficacy of various development processes. The text also examines the order and combination of strategies for obtaining different types of forensic evidence.



## Photography of Crime Scene

V. Ian

ISBN: 9781835353257

HB

Price: £ 150.00

Size: 7 × 10

Pages: 298

Year: 2025

**About the Book:** Photography at crime scenes shouldn't merely concentrate on the apparent. Whether or not something is plainly connected to the crime, the goal of crime scene photography is to record what is present and where it is in relation to the incident. For instance, a Florida photographer routinely photographed the interior of every cupboard and the refrigerator at a homicide scene in a house. Later, it was found that the victim had a receipt for a six-pack of beer that matched the beer in the refrigerator photo. First responders often assist victims at crime scenes until investigators get to work. This makes crime scenes chaotic and unpredictable. It might be challenging to obtain photographic proof even in the best circumstances. An expert photographer will know to capture pictures throughout the inquiry and that having too many pictures is preferable to not having enough. In order to give the courts a permanent record, forensic photography, also known as crime scene photography, is a process that captures the initial appearance of the crime scene and tangible evidence. Crime scene photographers typically have a very particular reason for taking each picture, setting them apart from other types of photographers. This book provides instructions on how to take pictures in dim light, including how to use flash and light painting techniques.



## Technology of Forensic DNA

Zeno geradts

ISBN: 9781835353479

HB

Price: £ 160.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** In Forensic DNA Technology, the scientific and legal concerns surrounding the use of DNA print technology in both the crime lab and the courtroom are examined. The technique of identifying a person's DNA traits is known as DNA profiling, sometimes known as DNA fingerprinting. DNA barcoding is a type of DNA analysis used to identify species rather than specific individuals. Defence attorneys used statistical reasoning to support their claims as DNA profiling became a crucial piece of evidence in court. A crucial source of evidence for our justice system is quickly emerging from the matching of DNA samples from crime sites and suspects. DNA Technology in Forensic Science makes suggestions for addressing important issues that are coming to light as DNA typing becomes more commonplace. Deoxyribonucleic acid, or DNA, has made significant advancements in the criminal justice system during the past ten years. When biological evidence is available, DNA can be used to incredibly accurately identify criminals. DNA can also be used to clear criminals and acquit those who have been falsely accused or convicted of crimes. Overall, DNA technology is becoming more and more important for assuring fairness and accuracy in the criminal justice system. Anyone working with this new instrument in law enforcement, including politicians, criminal law experts, forensic scientists, geneticists, researchers, faculty, and students, can benefit from the advice provided in this book.

# Geological Earth Science



## Improvement of Green Manuring for Soil Production

A. Layzer

ISBN: 9781835350089

HB

Price: £ 165.00

Size: 7 × 10

Pages: 302

Year: 2025

**About the Book:** Leguminous crops, in particular, are excellent sources of green manures for enhancing soil fertility. Green manures have a positive impact on soil's microbiological, chemical, and physical characteristics. Green manures are known for their ability to deliver nitrogen in particular. The goal of this chapter is to illustrate the value of using agricultural leftovers and green manure as soil fertility management techniques. Finally, we illustrate the possible nutritional supply of agricultural residues from the primary crops cultivated in the tropics using a few instances. Also mentioned are the challenges and restrictions involved. The difficulties and limitations involved are also discussed. Long term work to evaluate the effects of contrasting fertility to building strategies in organic field vegetable systems. It has also been involved with an international project to develop a computer model which will help with planning rotations that include green manures. In a cropping system, the addition of proper green manuring crops can minimise the need for fertiliser on succeeding crops, boost nutrient uptake, and ultimately lead to greater crop development and yields.



## Study of Root Diseases and Soil Borne Pathogens

A. Rogerson

ISBN: 9781835350119

HB

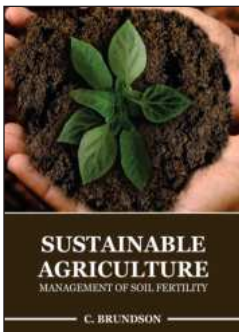
Price: £ 155.00

Size: 7 × 10

Pages: 340

Year: 2025

**About the Book:** Pathogens are parasitic, which means they rely on a host to live and grow. Pathogens found in soil also include nematodes, bacteria, and fungi. Root disease is caused by soil-borne pathogens, which prefer to reside in the soil. Not only can these pests hurt a plant, but they can also have an impact on the soil. Many crops are affected by their severe illnesses. Due to their close relationship with the soil, which has a significant impact on both their ability to survive and spread illness, they share a number of characteristics. The importance of fungi infecting the roots is discussed in this book, which also emphasises the important root illnesses and their symptoms. Various plant pathogenic bacteria's behaviours are also described. The morphology, naming, classification, multiplication, and translocation of numerous species are also covered in this book. The pathosystem concept, the behaviour of the soil microflora, infection reservoirs, pathogen decline processes, and integrated impacts on pathogen decline are all covered in detail in this book's explanation of the principles of biological management. Plant pathologists and soil microbiologists will both benefit greatly from this book. This book, which offers fundamental concepts and remedies for common plant diseases, will surely be read widely and frequently consulted.



## Sustainable Agriculture: Management of Soil Fertility

C. Brundson

ISBN: 9781835350416

HB

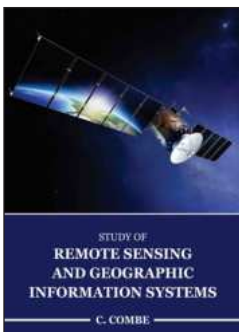
Price: £ 170.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** This book was entirely devoted to managing soil organic matter. Growing wholesome, high-yielding crops will be simpler if you adhere to practises that increase and maintain healthy levels of soil organic matter. Insects and illnesses won't trouble plants as much, and they can handle dryness better. You won't need to use as much commercial fertiliser, lime, and pesticides as many farmers do now if you keep soil organic matter levels at acceptable levels. Organic matter in soil is crucial. Agriculture clearly supports and characterises our modern lifestyles, but it frequently disrupts natural ecosystems. In particular, soil systems, animal populations, plant communities, and water resources all fall under this category. Such information affects our developing ethical principles of sustainability and accountability to present-day human populations and future ecosystems. A book like this cannot provide precise solutions to issues on particular farms. In fact, we deliberately steer clear of recipe-style methods. Good soil management must be flexible, and this is best accomplished via knowledge and comprehension than through the use of straightforward instructions.



## Study of Remote Sensing and Geographic Information Systems

C. Combe

ISBN: 9781835350423

HB

Price: £ 150.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** Earth, resource, and environmental experts now have a new drive thanks to remote sensing. This technological gift from space must be fully utilised to solve the nation's issues. Our planners, leaders, and scientists have been forced to think about improved methods for the management of natural resources as a result of rising population and declining resources. For undergraduate courses in civil engineering, geoinformatics/geomatics engineering, geotechnical engineering, survey engineering, and environmental engineering, Remote Sensing and GIS is specifically created to serve as a foundational text. It will likewise satisfy the prerequisites for introductory courses in geography, geophysics, earth resources management, environmental management, and disaster management. Geographic information systems offer a way to combine and analyse spatial data, such as the location of the closest theatre. The book is a resource for professionals that encounter remote sensing and GIS in their job and wish to learn more about its fundamentals and real-world applications to aid in their professional or research activities.





## Management of Natural Resources: Remote Sensing and GIS

**C. Pezzulo**

ISBN: 9781835350454

HB

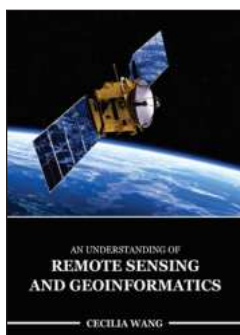
Price: £ 165.00

Size: 7 × 10

Pages: 280

Year: 2025

**About the Book:** The use of remote sensing and Geographic Information Systems (GIS) provides numerous opportunities for the multi-temporal, multi-spectral, and multi-spatial management of natural resources. For managers of natural resources, it is imperative to comprehend the specialised capabilities of an ever-growing variety of picture sources and analysis methods. The several remote sensing and GIS tools applications that can be used to manage natural resources (agricultural, water, forests, soil, and natural hazards) are compiled in this overview. The book helps natural resource managers better understand remote sensing experts and work with them to create and utilise remote sensing science to accomplish monitoring objectives. The geospatial information obtained using this GIS complies with sustainable resource usage. Thus, the use of GIS in natural resource management aids in the proper and prudent management of resources for both the present and the future. Additionally, GIS in natural resource management aids in the effective and efficient management of natural resources. GIS is useful in many industries, including the environmental industry.



## An Understanding of Remote Sensing and Geoinformatics

**Cecilia Wang**

ISBN: 9781835350546

HB

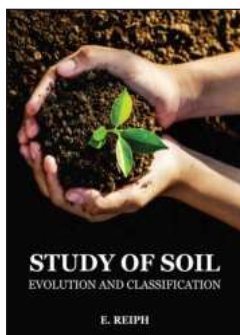
Price: £ 150.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** The book provides in-depth coverage of optical, thermal, and microwave remote sensing, global navigation satellite systems (such as GPS), digital photogrammetry, visual image analysis, digital image processing, spatial and attribute data model, geospatial analysis, and planning, implementation, and management of GIS after introducing the history and fundamental principles of remote sensing and GIS. Additionally, it offers contemporary GIS and remote sensing trends together with an illustrated overview of their many uses. The prerequisites needed to understand remote sensing and GIS technology are provided in the appendices. The fundamental concepts and methods of remote sensing, microwave remote sensing, mapping technology, remote sensing platforms and sensors, and data analysis methods are covered in this book. The book also covers topics related to the quality of GIS data, GIS data modelling and analysis, attribute data management, GIS data input and editing, and the integration and linking of Remote Sensing and GIS. The students who focused their research on geospatial technology will find these chapters to be of great use.



## Study of Soil: Evolution and Classification

**E. Reiph**

ISBN: 9781835350959

HB

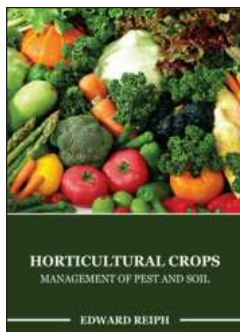
Price: £ 165.00

Size: 7 × 10

Pages: 280

Year: 2025

**About the Book:** Improvements in soil classification have gone hand in hand with advancements in our knowledge of the soil system. The theories underlying the categories and the objectives for which they were developed, however, have evolved over time. Three important sources contributed to the classification of soils: early empirical soil surveys, traditional soil classifications, and pedological science. In terms of evolution, there are three basic categories for soil classification techniques: ancient, early/pre-modern, and contemporary. They fall into three categories based on their geographic reach: local/national, regional, and international. It is hoped that this thorough literature will inspire soil scientists from all across the world to create a useful classification scheme for soils. The present situation of the national and international soil categorization systems can be demonstrated using this reference book. To accommodate new requirements, this book offers categorization system adjustments. This book provides a framework for updating current soil taxonomies and developing new ones. It offers in an accessible format the taxonomic keys required for the classification of soils. Both readers and experts in the field will value this material greatly.



## Horticultural Crops: Management of Pest and Soil

**Edward reiph**

ISBN: 9781835350973

HB

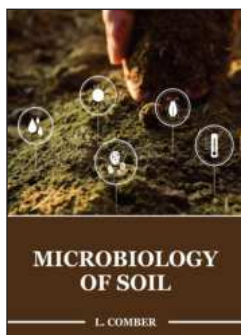
Price: £ 150.00

Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** Horticulture is defined as the cultivation of plants, primarily for use as food, building materials, comfort, and ornamentation. For human nutrition, horticultural crops are a significant source of carbohydrates, proteins, organic acids, vitamins, and minerals. Any animal or plant that poses a risk to people or their property, including animals, crops, and trees, is considered a pest. By feasting on all types of plants, including crop plants, forest trees, medicinal plants, and even stored goods, pests have a negative impact on people by causing significant financial loss and lowering the quality of food. Pathogenic or non-pathogenic organisms can cause plant diseases. Horticultural crops are by nature perishable; as a result, they breathe, transpire, and ripen after harvest, lowering their nutritional value for human use. In light of the foregoing, this book discusses productivity-enhancing techniques like the use of high yielding varieties and hybrids, high density planting, micro-irrigation, fertigation, protected cultivation, bio-technological approaches, and integrated nutrient, weed, pest, disease, and nematode management in general and crop-wise in particular. The book's illustrations are high-quality images, further boosting the publication's excellence. The book includes actionable suggestions for increasing productivity coupled with clear writing and simple terminology.



## Microbiology of Soil

**L. Comber**

ISBN: 9781835351918

HB

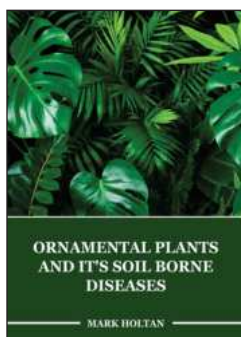
Price: £ 155.00

Size: 7 × 10

Pages: 338

Year: 2025

**About the Book:** The study of the biological features of the microorganisms that occur in the soil environment is the focus of the scientific field known as soil microbiology. The several types of soil microorganisms include bacteria, actinomycetes, fungus, algae, and protozoa. Each of these groupings has traits that characterise them and define their roles in the soil. Understanding of soil microbiology is essential to our comprehension of how organisms function, interact with their environment, and go about their daily lives. This edition focuses on the molecular and instrumental techniques, information technology, and the understanding of the soil biota, their roles, and the dynamics of soil organic matter. This work links the discoveries in this significant field's knowledge to both its past and its potential future applications. For its various applied and foundational disciplines, this book offers material that is readable, useful, and significant. The relationships between soil organisms and those responsible for plant and human disease are discussed in this text. Readers from a variety of disciplines can grasp the intricate soil biota and their functions because to the comprehensive concepts it provides on soil biota, diversity, and functions.



## Ornamental Plants and It's Soil Borne Diseases

**Mark Holtan**

ISBN: 9781835352137

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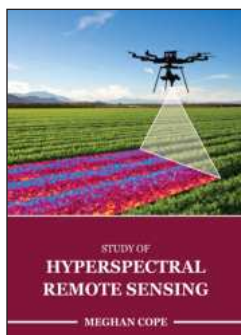
Price: £ 155.00

Size: 7 × 10

Pages: 278

Year: 2025

**About the Book:** A decrease in the diversity of soil organisms leads to the development of soil-borne illnesses. A soil will become disease-suppressive by reintroducing beneficial organisms that combat, resist, or otherwise oppose disease-causing pathogens. Compared to soils with little biological diversity, plants growing in soil that inhibits illness have far superior disease resistance. The soil environment can be improved for beneficial organisms by using compost and other organic amendments, or they can be added directly. The effectiveness of compost at controlling soil-borne plant diseases depends on its quality. Laboratory tests can be used to assess the quality of compost. When a pathogen that causes the disease and a susceptible host come together in a favourable setting, plant diseases are the result. There wouldn't be any sickness if any one of these three requirements weren't met. Many intervention techniques concentrate on eliminating the infection once its effects are felt. Making both the host plant and the environment less conducive to disease is emphasised in this book. It recognises the expansion of many known diseases to a wider variety of ornamental plants, diagnoses illnesses, and reflects modern control techniques. There are more illustrations and in-depth talks of fungicides and bactericides.



## Study of Hyperspectral Remote Sensing

**Meghan cope**

ISBN: 9781835352243

HB

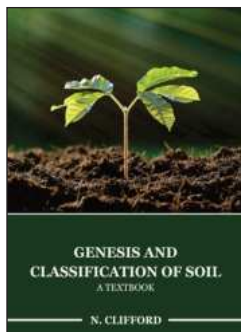
Price: £ 165.00

Size: 7 × 10

Pages: 284

Year: 2025

**About the Book:** The book includes information on several hyperspectral sensor design trade-offs, numerous foreign sensors used on various space missions, as well as domestic initiatives to construct aerial hyperspectral sensors. The analysis of hyperspectral data uses a variety of image processing methods, which are presented. Examine the unique techniques created to enhance spectral discrimination using Indian hyperspectral data. Utilisation of hyperspectral data for a variety of case studies, including the differentiation of crops, the quantitative estimate of biophysical parameters, and the comprehension and detection of biotic and abiotic stress in plants. It has been described how to quickly and accurately assess different soil parameters utilising hyperspectral data along with laboratory-measured spectra to facilitate soil mapping. When taken as a whole, these articles offer an overview of the work being done in this sector across the nation and the trends. This collection of review articles could be helpful to a sizable community of academics given that Indian earth observation missions equipped with full-fledged hyperspectral sensors will launch in the near future, while Chandrayaan-2 and maybe other planetary missions are in the works.



## Genesis and Classification of Soil: A Textbook

**N. Clifford**

ISBN: 9781835352359

HB

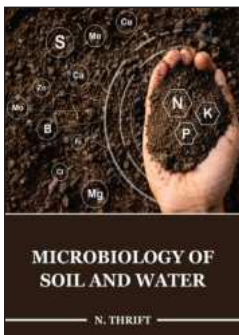
Price: £ 170.00

Size: 7 × 10

Pages: 282

Year: 2025

**About the Book:** The top, weathered layer of the earth's crust is known as the soil. Being dynamic, it is always undergoing changes in its physical, chemical, and biological makeup. As a result of numerous weathering processes, soils are formed from parent material. As crucial to soil formation as weathering is the accumulation, breakdown, and humification of organic materials. The macro-scale patterns of soil formation pay particular attention to the following key soil forming processes: laterization, podsolization, calcification, salinization, and gleization. Unmatched information on soil development and categorization may be found in this book. This publication covers information on new classification schemes, cutting-edge technology, databases, and a variety of soil profiles. In addition to serving as a superb reference for soil scientists, agricultural and natural resources engineers and economists, and others in related fields like ecology, natural resources, and land use and planning, this comprehensive work addresses the wide range of needs of soil science instructors, majors, minors, and graduate students. Everybody working in soil science and related subjects will need to have a copy of this book as a reference.



## Microbiology of Soil and Water

**N. Thrift**

ISBN: 9781835352373

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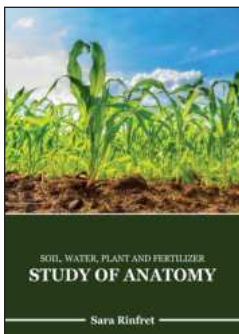
Price: £ 155.00

Size: 7 × 10

Pages: 328

Year: 2025

**About the Book:** The study of the biological features of the microorganisms (bacteria, archaea, viruses, fungus, parasites, and protozoa) that reside in the soil environment and water is the focus of the scientific field known as soil and water microbiology. Numerous microorganisms are present in the soils that crop plants root in and draw vital minerals and water from. Some bacteria give protection from these pathogenic forms, while others have little to no impact on crop growth and productivity. Others are pathogens that cause diseases and losses in yield and quality. This book examines the state-of-the-art in each of these areas of soil and water microbiology and identifies areas where future advancements are most likely to support ecologically friendly and effective methods for boosting agricultural output. For individuals who need up-to-date information on how soil and water microbes affect sustainable agricultural production, this book is invaluable. For its numerous applied and foundational disciplines, this volume offers knowledge that is understandable, useful, and significant. Professionals will use this text as a resource to learn the fundamentals of their field or to research management techniques.



## Soil, Water, Plant and Fertilizer: Study of Anatomy

**Sara Rinfret**

ISBN: 9781835352922

HB

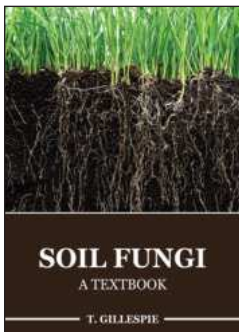
Price: £ 150.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** The area of biology known as anatomy is dedicated to the study of an organism's structure and individual parts. It is a field of natural science that examines how living things are structured. The commonly used analytical techniques for soil, water, fertilisers, and manures are presented in this book as a single source. It is primarily intended for use in the instruction of soil chemistry, soil fertility, and fertiliser manufacturing, as well as water quality research. The current study is distinctive in that it incorporates all tried-and-true, commonly-used techniques, together with guiding principles and insightful interpretations for identifying the nutrients in plants, soil, and water that are important for plant growth. This manual lists the equipment required for soil, water, fertiliser, and plant analysis. The book also includes a number of pictures and drawings to help readers grasp the principles. It is an informational encyclopaedia for experts and scholars in this discipline. This book compiles all pertinent technology, both old and new. Every level of student may easily understand and access the content in this book. This book will be useful to readers, professionals, researchers, and students.



## Soil Fungi: A Textbook

**T. Gillespie**

ISBN: 9781835353103

HB

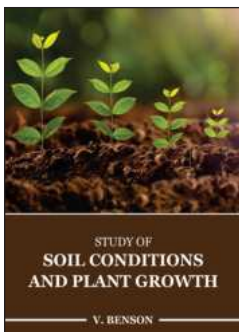
Price: £ 150.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** Microorganisms known as fungi typically develop as long threads or strands called hyphae that push through soil, rock, and root fragments. They have existed for an estimated billion years or so and are closely connected to both animals and plants. Soil fungus have been classified into at least 70,000 different species globally. Zygomycota, Ascomycota, Basidiomycota, and Deuteromycota are the four taxonomically distinct categories into which they can be subdivided. However, it might be simpler for common observers to think of them in terms of their function and metabolic characteristics. The soil contains a variety of crucial fungi for biotechnology, industry, and the environment. A detailed overview of the description of several species of soil fungi from various genera is provided in this book. This book will significantly advance mycofloristics. It offers laboratory techniques for focusing on the ecological distribution of fungal species from various soils and their isolation, cultivation, and other forms of culture. This book's unique qualities include the microscopic and macroscopic details of the fungal species, pathogenicity, and clinical importance. It will act as a guide for both specialists and novices in the study of soil fungi, their identification, and their counting.



## Study of Soil Conditions and Plant Growth

**V. Benson**

ISBN: 9781835353233

HB

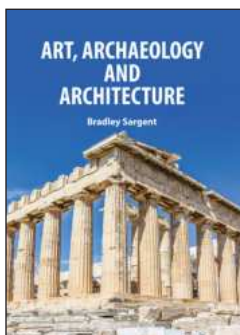
Price: £ 165.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** The complex physical, chemical, and biological system that the soil itself represents is how the plant receives the water, nutrients, and oxygen it needs to grow. The amount of air and moisture in the soil, as well as the temperature of the soil, all have an impact on plant growth. All students and professionals studying and working in agriculture and soil science should read this book since it covers every facet of how plants and soil interact. Crop science and genetics, soil fertility and organic matter, nitrogen and phosphorus cycles and their management, properties of plant nutrients and their management, water and the physical environment of the soil and its management, plants and soil change processes, management of the soil/plant system, and other topics are covered. It offers a very contemporary overview of how to comprehend and control the numerous interactions between soils and plants. This book is certain to become the standard reference for individuals working in or considering the business, as well as a suggested text for students. It is a necessary acquisition for all colleges and research institutions that teach and study agricultural, soil, and environmental sciences.



## Art, Archaeology and Architecture

**Bradley Sargent**

ISBN: 9781835357187

HB

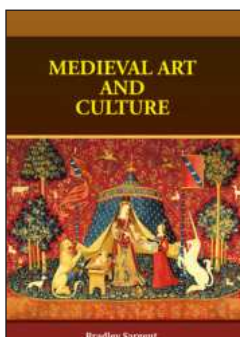
Price: £ 155.00

Size: 7 × 10

Pages: 284

Year: 2025

**About the Book:** At the heart of it, architecture is an inter-disciplinary profession. Ranging from structural engineers to quantity surveyors, a design project thrives from the collaboration of individuals from various fields of work. An often-overlooked connection is the link between the fields of architecture and archaeology, which in more ways than one have a lot in common. In a time of increased awareness on issues of sustainability and heritage, the expertise present in the field of archaeology plays a vital part in the preservation of architectural landmarks of historical significance. This expertise can also play a significant part in creating sensitive architectural interventions suitable for their context, contemporary in their design while responding to historical precedents. Archaeology, or archeology, is the study of human activity through the recovery and analysis of material culture. The archaeological record consists of artifacts, architecture, biofacts or ecofacts, and cultural landscapes. Archaeology can be considered both a social science and a branch of the humanities. In North America, archaeology is considered a sub-field of anthropology, while in Europe archaeology is often viewed as either a discipline in its own right or a sub-field of other disciplines. Art historians employ a number of methods in their research into the qualities, nature and history of objects. Art historians often examine work in the context of its time. At best, this is done in a manner which respects its creator's motivations and imperatives; with consideration of the desires and prejudices of its patrons and sponsors; with a comparative analysis of themes and approaches of the creator's colleagues and teachers; and with consideration of iconography and symbolism. In short, this approach examines the work of art in the context of the world within which it was created. Art, Archaeology and Architecture also many sites have been explored and excavated in various regions. It has been the amphitheatre of Prehistory, Proto-history and history. The papers included in the volume deal with a vast range of subjects from various themes including Iconography, The book will appeal to students and practitioners alike, with interests in social and cultural anthropology, archaeology, architecture, art and design, visual studies and material culture.



## Medieval Art and Culture

**Bradley Sargent**

ISBN: 9781835357194

HB

Price: £ 160.00

Size: 7 × 10

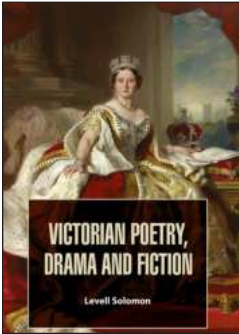
Pages: 284

Year: 2025

**About the Book:** The medieval art of the Western world covers a vast scope of time and place, over 1000 years of art in Europe, and at certain periods in Western Asia and Northern Africa. It includes major art movements and periods, national and regional art, genres, revivals, the artists' crafts, and the artists themselves. Medieval art—which includes a wide variety of art and architecture—refers to a period also known as the Middle Ages, which roughly spanned from the fall of the Roman Empire in 476 A.D. to the early stages of the Renaissance in the 14th century. Work produced during this era emerged from the artistic heritage of the Roman Empire and the iconographic style of the early Christian church, fused with the “barbarian” culture of Northern Europe. During the High Middle Ages, which began after AD 1000, the population of Europe increased greatly as technological and agricultural innovations allowed trade to flourish and crop yields to increase. Manorialism — the organization of peasants into villages that owed rent and labour services to the nobles; and feudalism — the political structure whereby knights and lower-status nobles owed military service to their overlords, in return for the right to rent from lands and manors - were two of the ways society was organized in the High Middle Ages. The Crusades, first preached in 1095, were military attempts, by western European Christians, to regain control of the Middle Eastern Holy Land from the Muslims. The book provides a study of the art style, forms, art-centres, iconographic, details and the role of medieval in the field of art activities during the early medieval period in relation with the Global, Indian-sub-continent.



# Language & Literature



## Victorian Poetry, Drama and Fiction

Levell Solomon

ISBN: 9781835357569

HB

Price: £ 160.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** Victorian literature refers to English literature during Queen Victoria's reign (1837–1901), a period considered the Golden Age of English Literature, especially for novels. The novel became the leading literary genre, reflecting major societal transformations, including scientific, economic, and technological advances, as well as shifts in class structure and religion. Key novelists include Charles Dickens, William Makepeace Thackeray, the Brontë sisters, George Eliot, Thomas Hardy, and Rudyard Kipling. Notable poets were Robert Browning and Alfred Tennyson, while significant playwrights emerged in the late 19th century, including Gilbert and Sullivan, George Bernard Shaw, and Oscar Wilde. As reading became more accessible, periodicals flourished, offering news, essays, poetry, and fiction in monthly installments. These serials launched the careers of prominent writers like Dickens, Eliot, Tennyson, and the Brownings. Victorian literature, being pervasive, offers insights into the era's attitudes and concerns. The book also introduces English drama, enlightening students on its historical background.



## Effective English Writing

Ramello Harper

ISBN: 9781835357606

HB

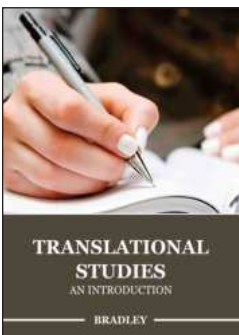
Price: £ 155.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** Writing is about effectively hitting your mark. This makes writing a powerful and efficient means of communication, particularly in engineering. The power of writing comes from its clarity and structure, making information accessible. Effective writing has only one interpretation, inspiring and persuading readers. In organizations, writing is a primary communication method, with professional engineers spending up to 30% of their work time on written communication. Thus, developing writing skills is crucial for project success and career advancement. This book helps you learn the basics of academic writing and improve your English language skills.



## Translational Studies: An Introduction

Bradley

ISBN: 9781835350362

HB

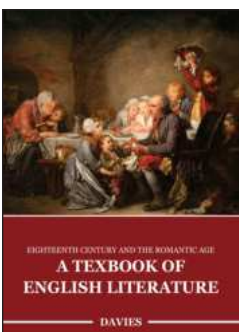
Price: £ 150.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** Translation is a meta text because it is always a text about another text. We translate with our gut. Although there are scientific ideas for translation, there is no such thing as a "Science of translating." The author of this book has done a thorough review of the east and west's respective approaches to translation studies. In addition to conducting a background investigation on translation, he has examined it as creative writing, linguistic bridge-building, and nation-building. The book offers a dependable overview of important translation research methodologies. Each chapter provides a thorough explanation of theoretical ideas, problems, and research. This book on translation studies in our nation is in-depth and well-researched.



## Eighteenth Century and The Romantic Age: A Textbook of English Literature

Davies

ISBN: 9781835350799

HB

Price: £ 150.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** The developments that took place in England between the Restoration and Romantic periods had a significant influence on both the form and content of writing today. The novel's creation sparked the creation of new types and coincided with a rise in education across the country. This book examines the English essayists who contributed to the social, political, and religious climate of the time and immerses students in the background of the stories that continue to enthrall audiences to this day. This is a notable and insightful analysis of eighteenth-century academic life that conveys a true sense of the multifaceted nature of the period and the intellectual and social environment that fostered the growth of innovative literature. It considers some of the period's most important issues, competing with terms like "Augustan Age," "Time of Enlightenment," and "Time of Reason," which commentators and historians have associated with the eighteenth century. The Tradition Classics arrangement includes this book.

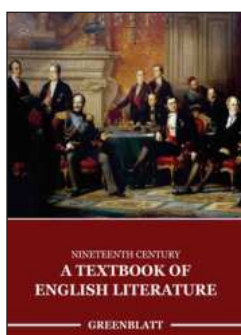


## English Language: An Introduction

Edward

ISBN: 9781835350966 HB Price: £ 170.00 Size: 7 × 10 Pages: 322 Year: 2025

**About the Book:** As is well known, English has taken on a special role in intercultural communication. Effective English communication is a skill that may be developed via practise, knowledge of theoretical concepts, and the adoption of positive attitudes and values. It includes exercises and will serve as a foundation for introductory grammar courses and classes on the structure of English in linguistics departments as well as in departments of English language and literature and schools of education. The purpose of this book is to address the present and future language and communication needs of pupils. It aims to improve their command of the four language abilities as well as their understanding of grammar and vocabulary. This book teaches readers how to speak clearly, politely, and accurately in both formal and informal settings. The learning process is made relevant and engaging by the activity-oriented tasks.

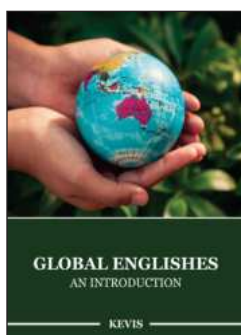


## Nineteenth Century: A Textbook of English Literature

Greenblatt

ISBN: 9781835351222 HB Price: £ 165.00 Size: 7 × 10 Pages: 304 Year: 2025

**About the Book:** This succinct and compelling review contains a fraction of the main abstract showpieces of nineteenth-century England and is jam-packed with fascinating information. This book is for you if you've ever needed advice on which Thomas Hardy book to start with or just needed to hold your own at a party with English professors who are drinking too much. Instant English Literature offers exceptional highlights, such as section rundowns, arrangements of's who, true to life and chronicled goodies, title records, and a large group of delineations, photographs, and kid's shows, in addition to explaining why Reverend Patrick Bronte copied his children's new red shoes and whether George Eliot was a man or woman, and that's just the tip of the iceberg. When we think of the nineteenth century, we picture a bustling era marked by pioneer expansion, unexpected developments, the construction of railroads, great research, and the Great Exhibition. However, one notices a disagreement while reading scholarship written by Romantic and Victorian researchers, or what Stefanie Markovits refers to as "an emergency of activity." Markovits outlines this claim in her book The Crisis of Action in Nineteenth-Century English Literature by focusing on four writers: William Wordsworth, Arthur Hugh Clough, George Eliot, and Henry James.

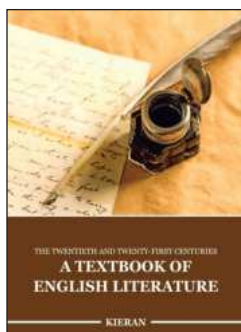


## Global Englishes: An Introduction

Kevis

ISBN: 9781835351888 HB Price: £ 150.00 Size: 7 × 10 Pages: 314 Year: 2025

**About the Book:** There are between 300 million and 450 million native English speakers worldwide, according to estimates. It's estimated that more than a billion individuals speak English in some capacity. Although estimates vary, it is generally agreed that hundreds of millions of people speak English on a global scale, whether as a first language, a second language, or a foreign tongue. Most nations in the globe today speak English as their native or unofficial language, in some manner English is combining with native languages in 20 to 30 different nations to generate hybrid Englishes. Due to the clarity and directness with which the many phrases and concepts are explained, as well as the volume of information it contains, this complete study of Introducing Global Englishes is intended to be both practical and well-liked by students. It is intended to familiarise students with the lively currents of thought that have enriched the literary effort of our day. It was carefully written with the course requirements in mind.

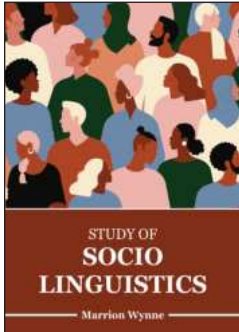


## The Twentieth and Twenty-First Centuries: A Textbook of English Literature

Kieran

ISBN: 9781835351895 HB Price: £ 155.00 Size: 7 × 10 Pages: 300 Year: 2025

**About the Book:** The book methodically charts the development of the English novel from its emergence as the dominant intellectual class in the middle of the twentieth century to its place as an unpredictable greatness in the middle of the twenty-first century under new media conditions. The English novel as a distinctively modern genre, the novel in the economy, genres; gender (performativity, masculinities, woman's rights, eccentric), and "The Burden of Representation" (class and ethnicity) are all specifically covered. The methodical approach is supplemented by broadened contextualised close readings of more than 20 important works, ranging from Tom McCarthy's *Satin Island* (2015) to Joseph Conrad's *Heart of Darkness* (1899), which provide evaluations of archival and speculative points of view and enliven future research. As a result, students and researchers motivated by this material are forced to turn to research from the 1970s, most of it is based on out-of-date methodological and ideological assumptions. The handbook of aims to fill this gap by offering fresh interpretations of works that indisputably appear in writing classrooms and in academic discussions, from James' *The Ambassadors* to McCarthy's *The Road*.



## Study of Socio Linguistics

Marriion Wynne

ISBN: 9781835352151

HB

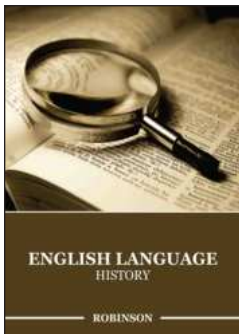
Price: £ 165.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** The descriptive study of sociolinguistics examines how society as a whole, including cultural norms, expectations, and environment, affects how language is used and how society affects language. It varies from language sociology, which focuses on how language affects society. Pragmatics and sociolinguistics have several areas of intersection. Its historical connections to linguistic anthropology have made it difficult to distinguish between the two disciplines. The social life of language is the topic of this book. Microanalysis to broad-based policy and planning initiatives are all included in this field. As a result, sociolinguistics, the sociology of language, and psycholinguistics are all references in this work. All the issues treated in the book are strongly connected by the connection between language and identity, whether that identity belongs to an individual or a group. It offers access to the most important issues and discussions in the area for academics and advanced students, as well as a venue for fresh sociolinguistic research projects.



## English Language: History

Robinson

ISBN: 9781835352762

HB

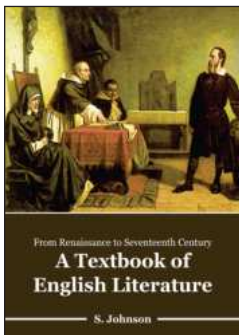
Price: £ 165.00

Size: 7 × 10

Pages: 308

Year: 2025

**About the Book:** An English Language History analyses the etymological development and social progress of English from the Roman conquest of England to the present to provide an in-depth analysis of the unique aspects of its history. The reader is urged to develop both an understanding of contemporary English and an enlightened mentality towards the issues influencing the dialect today by reading this top-notch, excellent course book, which has been reconsidered and updated. For etymologists and history students, the development of English over time—from the earliest works in which it was used to its current standing as the dominant world dialect—is a topic of great importance. In this book, a group of experts from around the world outline the whole documented history of the English dialect. Each significant phase in the dialect's historical context is covered, with a focus on later times, and includes complete records of institutionalisation, naming, the circulation of English in Britain and North America, as well as its global dissemination. Every motivated student, researcher, and teacher in this notable topic will find this comprehensive and modern history of English to be essential.



## From Renaissance to Seventeenth Century: A Textbook of English Literature

S. Johnson

ISBN: 9781835352816

HB

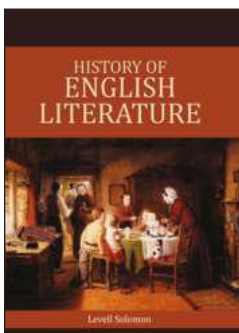
Price: £ 150.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** The rise of the cutting-edge nation is linked by seventeenth-century English literature to changing views on maternal assistance, particularly between the years 1603 and 1675. At the precise moment that England experiences a notable shift in perspective—from the traditional, dynastic body politic, composed of natural bonds, to the post-dynastic, contemporary country, included representative and full of feeling relations—maternal support increases new noticeable quality in the early current social creative ability. The book also demonstrates how changing early modern perspectives on Judeo-Christian relationships fundamentally inform the era's interwoven reevaluations of maternal support and the nation, particularly because of Milton. This work establishes the beginning of the academic improvement of the wicked frame into an appropriate shape in the seventeenth century, surrounded by an understanding that the very notion of what characterises the human is frequently impacted by Renaissance and early modern communications. The focus of this development is on the characters and poetry of seventeenth century writers.



## History of English Literature

Levell Solomon

ISBN: 9781835357552

HB

Price: £ 155.00

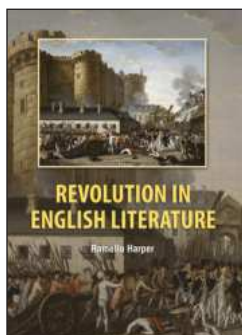
Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** English literature encompasses works written in English from the United Kingdom, its crown dependencies, the Republic of Ireland, the United States, and former British Empire countries. Evolving over 1,400 years, it began with Old English, brought by Anglo-Saxon invaders in the 5th century. The most famous Old English work is "Beowulf." Post-1066 Norman conquest, Old English writing declined. Literature, reflecting life and society, originates from the Latin word 'litaritura,' meaning "writing organized with letters." It is classified by language, origin, period, genre, and subject matter. Britain's imperial history influenced its literature, evoking both nostalgia and hostility. English literature spread globally, especially in countries where English is a primary second language. This book offers a historical overview, connecting key movements in English literature, and is valuable for both specialists and non-specialists.





## Revolution in English Literature

Ramello Harper

ISBN: 9781835357613

HB

Price: £ 160.00

Size: 7 × 10

Pages: 310

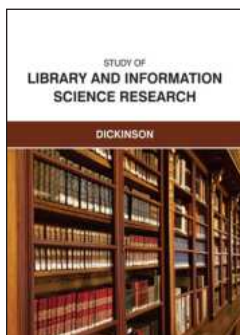
Year: 2025

**About the Book:** The relationship between art, literature, and history is complex and indirect. Poets and writers often reflect societal trends unconsciously or semi-consciously rather than through conscious decisions. From 1908 to 1914, a period of innovation in London challenged literary conventions, led by figures like Ezra Pound. Leon Trotsky's "Literature and Revolution" analyzes Russian literary trends from 1905 to 1917, influenced by societal forces. Despite entering a new millennium, many writers found inspiration in the past rather than the present or future. This book offers insights into classical literature, exploring mythological figures, genres, theater, politics, religion, and textual transmission through the Renaissance.





# Library Science



## Study of Library and Information Science Research

Dickinson

ISBN: 9781835350836

HB

Price: £ 155.00

Size: 7 × 10

Pages: 368

Year: 2025

**About the Book:** One of the oldest and most prosperous occupations in the world is that of the librarian. It has survived conflict, the plague, a downturn in the economy, and a range of social norms and circumstances. In order to serve a range of people with a diversity of interests and needs, the profession has demonstrated an incredible capacity for adapting to changing social and economic conditions as well as to new technological developments. a collection of chosen research projects carried out in various library schools. Professional development, women's reading preferences, library space planning, industrial information systems, and bibliometrics, scientometrics, and webometrics research that concentrate on diverse communication channels are all investigated. It is a reference work for researchers working in the field of library and information science.



## Library Science and It's Research Methodology

Dusan dimando

ISBN: 9781835350942

HB

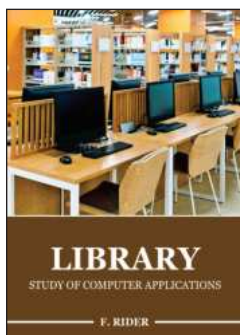
Price: £ 160.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** Students, faculty, university research personnel, and visiting researchers can all access the resources of a university research library. Under the rules and guidelines established by the specific library, the resources and services of a research library within a public library system are accessible to the general public. Some independent research libraries only allow access to advanced scholars and require special permission; other independent research libraries are accessible to the general public but have restrictions on where they can be utilised. In order to research topics relating to libraries, the collecting, organisation, preservation, and transmission of information resources, as well as the political economics of information, library science is an interdisciplinary field that combines the humanities, law, and applied science. Archival science has historically been a part of library science. Libraries and archives differ from one another in a relatively modern way. The term "library" has become less common at the start of the twenty-first century in favour of terms like information departments or I-schools. Another attempt has been made to revitalise the idea of documentation by using the terms "library, information, and documentation studies. In the current book, the status, function, and efficacy of academic library systems in a changing world are discussed.



## Library: Study of Computer Applications

F. Rider

ISBN: 9781835351062

HB

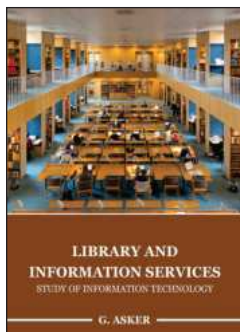
Price: £ 165.00

Size: 7 × 10

Pages: 368

Year: 2025

**About the Book:** The software used to catalogue, track circulation (when necessary), and inventory a library's resources is known as a library computer system. It is designed for small- to medium-sized collections in homes, churches, businesses, and other places. Larger libraries often employ an integrated library system to manage the more complicated tasks, like licencing online resources, interlibrary loans, and acquisitions. With distributed software, the user has the option of installing the programme themselves or having the vendor install it on their own hardware. The application and data can be operated and maintained by the customer, or the customer can opt to have the vendor support them through an annual maintenance contract. Modern libraries are built on and defined by a heritage of methods and procedures that represent a century's worth of professionally codified knowledge. In order to introduce library automation, a complicated ecosystem of expectations and misunderstandings was established. This book gives a historical review of this tradition. This book makes an effort to outline and discuss the computer applications that have driven the field of library science's technological revolution.



## Library and Information Services: Study of Information Technology

G. Asker

ISBN: 9781835351116

HB

Price: £ 160.00

Size: 7 × 10

Pages: 336

Year: 2025

**About the Book:** In the strictest technical definition, Information is a series of symbols that can be read as a message. Signals or signs can be used to send or record information. Any event that changes the state of a dynamic system is considered to be information. Information is conceptually the message being delivered. Numerous more interpretations of this idea exist in other contexts. The idea of information is also intimately related to the ideas of restriction, communication, control, data, form, instruction, knowledge, meaning, mental stimulus, pattern, perception, representation, and particularly entropy. In order to research topics relating to libraries, the collecting, organisation, preservation, and transmission of information resources, as well as the political economics of information, library science is an interdisciplinary field that combines the humanities, law, and applied science. Encyclopaedias, periodicals, and more recently, electronic media, are just a few of the many sources of current information that academics, students, and faculty actively seek out from libraries. The way library patrons seek out information has changed dramatically in this "E" era. All persons with an interest in the fields of library science are expected to find the book's contents valuable.



## Strategies to Preserve E-library

**H. Evelyn**

ISBN: 9781835351239

HB

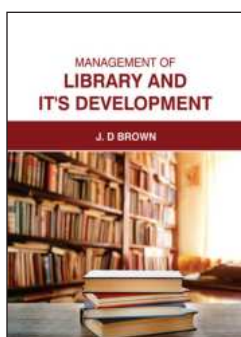
Price: £ 170.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** Today's challenges for special libraries are getting worse. In spite of their reliance on the internet for information, their biggest issue is proving that they are the finest source of specialised information. Therefore, special libraries must adapt their services, roles, and collections as well as develop change management plans. The term "preservation" refers to a group of actions taken to increase a record's value, extend its shelf life, or make it easier to retrieve by non-intrusive methods. This covers steps done to sway record producers before selection and purchase. Information of lasting importance must be protected in order for present and future generations to have access to it. Preservation has traditionally been primarily addressed by libraries and archives, both of which consider preservation as one of their fundamental missions. In recent years, numerous significant libraries and archives have established formal preservation programmes for traditional materials. This book aims to present all fundamental facets of a digital library in a genuine but straightforward manner. It discusses the radical adjustments made to the way libraries are organised, managed, and operated by digital libraries.



## Management of Library and Its Development

**J. D brown**

ISBN: 9781835351406

HB

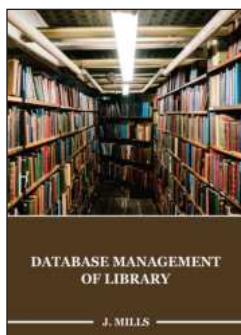
Price: £ 150.00

Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** Management of a library encompasses tasks including arranging, directing, leading, and controlling. Making judgements regarding the library's objectives methodically is what planning is all about. Assembling and coordinating the human, financial, physical, informational, and other resources required to realise library objectives is known as organising. While regulating entails keeping an eye on various library services and operations, leading involves the librarian's efforts to encourage good performance from staff members. These four management responsibilities are closely related, but libraries that excel at managing their human resources and organising their material resources are known to perform better. Since the middle of the 1950s, computer-based systems known as library management systems (LMS) have evolved to automate some or all of the functional areas of a typical library. The current modest work is carefully crafted and aims to give a complete understanding of this job. It is hoped that it would be warmly received by academics, students, researchers, and general readers alike.



## Database Management of Library

**J. Mills**

ISBN: 9781835351475

HB

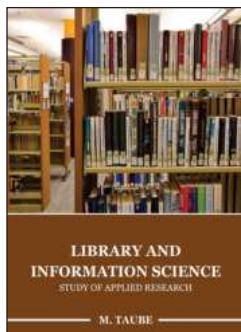
Price: £ 160.00

Size: 7 × 10

Pages: 320

Year: 2025

**About the Book:** A relational database management system (RDBMS) is contained in the Database Management Library (DBL), a C++ programming library. The GNU General Public Licence governs the distribution of the DBL source code. DBL was created as a Christmas programming project and was finished in under two weeks. Data is seen as a fundamental resource required for an organization's professional management, whether it be a corporate house, library, or government department. An organised collection of data for one or more purposes is referred to as a database. Information about particular file is utilised by an information system. A collection of data organised logically and efficiently to make it easier for computer application programmes to access. This idea simply states that all database records should be connected to one another and that redundant data should be kept to a minimum. It does not indicate that all information pertaining to a library's operations should be stored on a single database. The book will be very beneficial for both students and teachers, as well as for everyone else.



## Library and Information Science: Study of Applied Research

**M. Taube**

ISBN: 9781835352076

HB

Price: £ 150.00

Size: 7 × 10

Pages: 302

Year: 2025

**About the Book:** The necessity to save priceless records of events led to the development of libraries. Written scrolls, papyrus preserved in jars, written clay tablets, manuscripts saved in monasteries, and printed materials like books, letters, statutes, and ordinances could all be examples of these documents. These libraries were only accessible to a select group of people, including monarchs, nobility, illustrious scholars, and holy orders. Changing needs and new technologies have led to extra new functions being embraced by modern libraries. How academics and researchers establish profiles and disseminate their work is significantly being impacted by new techniques for scholarly communication and information transmission. The internet has already significantly changed how people access and find knowledge, and now the growing acceptance of e-books is assisting. Email's 24/7 accessibility allows e-learners to communicate with librarians outside of regular business hours and outside the walls of library buildings. This book makes it clear that the research's main goal is to help teach the skills required for a librarian to perform in-depth, fundamental research. But many of the approaches, principles, and methodologies used in fundamental research are applicable to applied research, and anyone performing applied research would do well to have a firm grasp of basic research techniques.



## A Study of Consumer Behaviour and Management of Advertisement

Hien T. Nguyen

ISBN: 9781835350027

HB

Price: £ 160.00

Size: 7 × 10

Pages: 340

Year: 2025

**About the Book:** The goal of this book is to introduce readers to a wide range of managerial challenges that contemporary advertising strategists encounter when they plan, carry out, and manage their advertising campaigns for diverse businesses. It provides various illustrations of effective advertising imagery together with supporting comments to show the steps involved in creating a good advertisement. Academic economists have largely neglected the beneficial function that advertising plays in the market process. Economists have just recently joined the study agenda being set by researchers in marketing and other business domains after realising the advantages of advertising and the modern economic revolution. The course Consumer conduct (CB), designed for MBA students specialising in marketing, goes into great detail to describe and assess the conduct of Indian consumers and the tactics employed. This book serves as a great primer on the subject of how logic and feeling interact to influence the analytic, hedonic, social, moral, and even reptilian components of the human predicament in the marketplace. Therefore, the information offered here would be interesting to readers as well as very helpful to academics, educators, and other professionals working in the sector.



## Skills and Techniques of Business Communication

A. coduras

ISBN: 9781835350041

HB

Price: £ 170.00

Size: 7 × 10

Pages: 344

Year: 2025

**About the Book:** One of the most crucial elements of business is communication. Professional men and women use communication to advance professionally, settle interpersonal disputes, and collaborate with others to accomplish shared objectives. Business people must become familiar with communication tactics that will work best for them and their professional counterparts because it is such an essential part of business. When clear, effective communication takes place and avoids misconceptions, miscommunication, and conflict, it is clear how important communication skills are. There are several types of listeners, and understanding some of these variations might help you use that knowledge to sharpen your listening abilities. Every area of business communication is covered in this book. This book is supposed to satisfy the demands of a teaching, training, and development programme. The article will also offer insightful advice to anyone who wants to develop their communication skills.



## An Introduction to Digital Marketing

Andrew S.

ISBN: 9781835350171

HB

Price: £ 165.00

Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** The phrase "digital marketing" refers to all forms of marketing that utilise digital technologies, mostly the internet but also including mobile devices, display advertising, and other digital media. Bringing together a global collection of effective digital marketing initiatives, Digital Marketing initiatives in the world evaluates their results and the business lessons they taught. This useful and engaging book examines how companies of all sizes have used social media, blogs, forums, online video, and email to strengthen their brands and draw in clients. Bringing together a global collection of effective digital marketing initiatives, Digital Marketing in the world evaluates their results and the business lessons they taught. This useful and engaging book examines how companies of all sizes have used social media, blogs, forums, online video, and email to strengthen their brands and draw in clients. The goal of this book is to introduce readers to many facets of digital marketing. The book includes a selection of chapters from various Digital Marketing categories. The editors have chosen chapters with great care from comparatively significant and developing areas of Digital.



## Study of Research Methodology and Quantitative Techniques

Anna nisola

ISBN: 9781835350201

HB

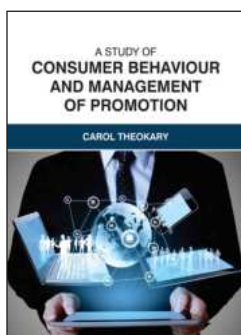
Price: £ 160.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** The goal of descriptive research is to provide precise, accurate information or clear, well-supported responses to a topic. Descriptive research typically employs surveys. The systematic empirical exploration of quantitative properties, phenomena, and their interactions is referred to as quantitative research in the social sciences. The development and application of mathematical models, theories, and/or hypotheses relevant to phenomena is the goal of quantitative research. Because it establishes the essential link between empirical observation and the mathematical articulation of quantitative connections, the measuring process is crucial to quantitative research. Although the hypothesis has operationally specified variables and is testable, it is directly tied to a theory. Through study, hypotheses enable us to ascertain whether our hypothesis is accurate. Whenever we conduct study, we usually seek out some sort of distinction or modification between two or more groups. We are comparing the effects of having work experience against not having it on college grades in our study. The book is intended to be used as both a compilation of readings and as a standalone introduction to research methodologies.



## A Study of Consumer Behaviour and Management of Promotion

**Carol Theokary**

ISBN: 9781835350522

HB

Price: £ 165.00

Size: 7 × 10

Pages: 370

Year: 2025

**About the Book:** Promotions draw current and future customers' attention to a service. The best way to carry them out is to put a promotion plan into action. The objectives of the plan should be heavily influenced by the organization's overarching objectives, strategies, and findings from the marketing study, including the positioning statement. Consumer behaviour is the study of how, what, when, and why people make purchases. It also aims to evaluate the impact of group influences on the customer. The goal of promotion is to get in front of the targeted customers and convince them to make a purchase. The coordination of all seller-initiated initiatives to establish information and persuasion channels for the purpose of selling products and services or promoting an idea has been referred to as promotion. A crucial component of the promotional mix is sales promotion. Therefore, it is crucial to understand consumer behaviour in order to comprehend our production and consumption systems. A book on consumer behaviour and promotion management that clarifies this complex subject is thus absolutely necessary today. The current book represents an effort in this regard.



## Marketing Management Strategies

**Chicmao Hsieh**

ISBN: 9781835350584

HB

Price: £ 170.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** Globalisation and economic liberalisation, which were started a few decades ago, have been crucial in bringing about a dramatic change in the corporate environment. In order to maintain their firm running effectively, senior managers now play a different role from before. Before making important decisions, current and aspiring managers must exercise strategic thinking by thoroughly examining the corporate environment, both inside and externally, and extrapolating the trends. The book Strategic Marketing Management was designed with business schools' course-coverage demands in mind. A suitable business situation has been used to illustrate various concepts and theories. The discipline of management known as strategic marketing management offers tactical solutions to marketing difficulties. This book examines the topic of strategic marketing in a clear and concise manner so that even a novice would be able to understand it without difficulty. The marketing management students and instructors will find it to be very helpful. This book contains helpful information for management students and marketers from all kinds of businesses.



## Marketing and It's Recent Developed Techniques

**Eric shaunn**

ISBN: 9781835351024

HB

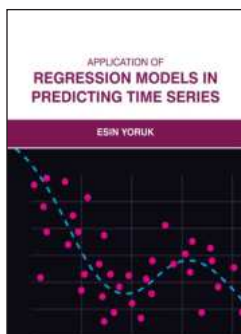
Price: £ 170.00

Size: 7 × 10

Pages: 352

Year: 2025

**About the Book:** Market research can be carried out in-house by businesses or organisations, or it can be contracted out to companies with experience in the field. Implementing surveys, interacting with a group of individuals also known as a sample, conducting interviews, and other comparable procedures are all examples of ways to conduct market research. Internal data from a business, such as sales and marketing records, customer account information, and data on product consumption and purchase, are common examples of secondary data sources. As you look for solutions to a brand-new or connected business problem, previously generated marketing research studies may also be a fantastic supply of insights. In order to discover patterns in consumer behaviour, market trends, and other insights to inform management and marketing strategy decisions, marketing researchers may also aggregate a sizable amount of internal data into a shared database. Primary and secondary are the two main divisions of market research techniques. Depending on the requirements of your business, your research may encompass either one or both. This book provides a basic reference for the use of marketing research.



## Application of Regression Models in Predicting Time Series

**Esin yoruk**

ISBN: 9781835351031

HB

Price: £ 150.00

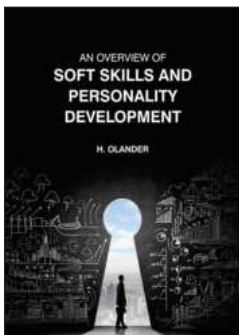
Size: 7 × 10

Pages: 300

Year: 2025

**About the Book:** For more than a century, regression techniques have been an essential component of time arrangement research. Recent developments have allowed for genuine gains in areas like non-constant information where a direct model isn't applicable. This book introduces the reader to newer advancements and a wider selection of regression models and techniques for analysing timetables. Regression Models for Time Series Analysis is accessible to everyone who is familiar with the basic modern concepts of factual deduction and provides a really important investigation of recent measurable improvements. The crucial class of models known as summed up straight models (GLM), which provides, under some circumstances, a bound-together regression hypothesis appropriate for continuous, all-out, and check information, is among them. The designers purposefully extend the GLM methodology to time arrangements where the key information and covariate information are both random and stochastically dependent. They familiarise readers with various regression models developed over the past thirty years or so and consolidate earlier and more recent findings about state space models.





## An Overview of Soft Skills and Personality Development

H. Olander

ISBN: 9781835351260

HB

Price: £ 160.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** In order to create, grow, and manage teams, students need strong conceptual and practical frameworks in soft skills. They contribute significantly to the students' general personality development, which improves their employment prospects. The soft skills training gives students a strong practical orientation and aids in the development of their interpersonal, teamwork, leadership, time management, and communication skills. It also helps them with interviews, group discussions, and other social situations. In order to enhance employment prospects and compete successfully in the corporate climate, effective communication and interpersonal skills are essential. The capacity of professionals to effectively use their domain knowledge is the fundamental key to their effectiveness. Organisations and businesses nowadays seek out employees who are adaptable to their organisational cultures and wise enough to build meaningful relationships with those around them. The term "personality" refers to a person's traits, mannerisms, actions, frame of mind, attitude, and particular perspective on the world. One's personality is greatly influenced by genetics, family history, different cultural origins, environment, and current circumstances. Your interpersonal style is a reflection of your personality. Anyone who has a likeable personality will be respected and valued. The purpose of this book is to raise general knowledge of the value of soft skills in interpersonal and professional interactions and to support a person's overall personality development.



## Basics of Hospitality Management

Iwona Staniec

ISBN: 9781835351383

HB

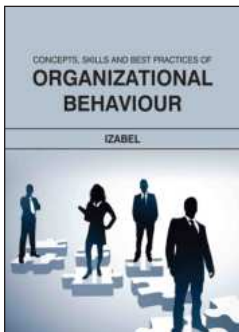
Price: £ 165.00

Size: 7 × 10

Pages: 342

Year: 2025

**About the Book:** The study of the hospitality sector is known as hospitality management. The hospitality sector is enormous and quite varied. Every time someone travels, stays in a hotel, eats out, goes to the movies, or does something similar, they are using services provided by businesses in the hospitality sector. The management of these businesses is highly difficult since managers must be adaptable enough to foresee and cater to a wide range of needs. As the name suggests, hotel management is concerned with overseeing every element involved in making a hotel run well. Hotel management is in charge of all tasks that must be completed from the moment a guest checks in until the moment he departs throughout his stay. In the context of managing a hotel, "hospitality management" refers to overseeing all of the many departments and staff members to ensure that paying guests are made to feel at home and have a pleasant stay. These people must feel welcome and kind in order for them to likely visit the location once more in the future. This book was written in an effort to offer some literature on the rapidly expanding hotel industry.



## Concepts, Skills and Best Practices of Organizational Behaviour

Izabel

ISBN: 9781835351390

HB

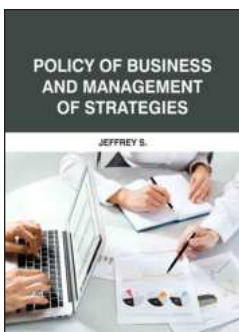
Price: £ 170.00

Size: 7 × 10

Pages: 322

Year: 2025

**About the Book:** The complete textbook Organisational Behaviour was created to fulfil the needs of graduate and postgraduate management students. The academic discipline of organisational behaviour examines how individuals behave in organisations. In an effort to improve business operations, organisational behaviour theory's ideas are generally utilised. The cornerstone of corporate human resources is the study of organisational behaviour, which encompasses fields of study devoted to enhancing job happiness, job performance, and creativity. Organisational behaviour is a multidisciplinary field that has been affected by advancements in a number of related fields, such as sociology, psychology, economics, and engineering, as well as by practitioner experience. Personality, perception, knowledge, attitude, family history, instruction, inspiration, job happiness, performance evaluation, effectiveness of leadership, norms, and values and ethics are the elements that have an impact on how people behave. Group conduct is influenced by group dynamics, communication, organisational environment, individual culture, and organisational culture. Individual behaviour inside an organisation is influenced by organisational structure, power and politics, prestige, relationships with juniors and seniors, disputes, and culture. The book also discusses the cultural components of organisations and how they relate to production techniques, which is a crucial aspect of management. It is intended that the book will offer a sufficient amount of information on organisational behaviour and meet the requirements of the MBA syllabus.



## Policy of Business and Management of Strategies

Jeffrey S.

ISBN: 9781835351611

HB

Price: £ 170.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** Prospective business managers must now possess knowledge of corporate strategy and tactical management methods. Strategic management and policy-making have undergone some significant modifications as a result of the current competitive climate. Therefore, a theoretical understanding of company policy and strategic management is essential. To thrive, businesses must put good strategies into practise. These tactics are a part of a larger management and business strategy that directs the company's interactions with clients, revenue generation, and resource management. Small business owners can manage their duties and set clear goals by using the associated ideas of strategic management and business policy. In the middle of the 20th century, Peter Drucker became the first to propose the theoretical idea of strategic management. Therefore, strategic management combines the efforts of a company's numerous functional divisions to accomplish organisational goals. This book is intended to aid in and improve both teaching and learning. The utilisation of exhibits, which provide a wide range of information about certain theoretical topics, is a key component of the style used for this book.



## Designing of Applied Qualitative Research

Julie Davies

ISBN: 9781835351765

HB

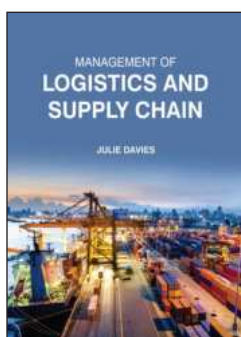
Price: £ 160.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** This book provides a comprehensive framework for creating, managing, and analysing subjective research considerations that provide reliable and worthwhile data. The qualities, limitations, and applications of the fundamental subjective strategies—inside and outside meetings, centre collecting dialogues, ethnography, content investigation, contextual analysis and account look into—are represented by cases of focuses from a wide range of orders. Using a solid configuration, pieces present to students and researchers the right execution methods every tactic inside a worldview that is impartial and flexible Framework for Total Quality (TQF), which consists of four interconnected segments: Usefulness and openness. The book also discusses applications of the TOF to the formulation, sampling, and evaluation of subjective research hypotheses and authentic copies. This book demonstrates how the configuration's component pieces interact together and provides a process for creating wise and practical decisions linkages between various plan sections, highlighting important outline difficulties.



## Management of Logistics and Supply Chain

Julie Davies

ISBN: 9781835351772

HB

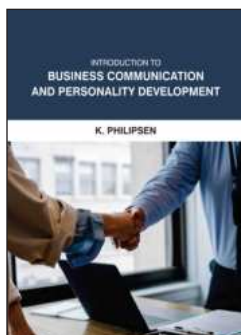
Price: £ 165.00

Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** The goal of logistics management extends beyond only reducing expenses associated with transportation. Inventory levels, packaging, material handling, purchasing, and marketing (sales) decisions are all impacted by logistics decisions, and vice versa. Supply chain management and logistics are sometimes used interchangeably. Some claim that supply chain management is the "new" logistics and that there is no distinction between the two concepts. Logistics is constantly changing and unique. Few company sectors involve the intricacy or geographic range that logistics does. The delivery of goods and services at the right time and place is the focus of logistics. The evolution of logistics, supply chain management, inventory control, purchasing, materials handling, and other functional domains has led to many of these fields' intersections. Some of these concepts, such as supply chain management and logistics, have ambiguous definitions as a result of this intersection. The administration of a network of connected companies that ultimately provides the product and service packages needed by end customers is known as supply chain management (SCM). The book is intended to add to the body of knowledge already available on supply chain management.



## Introduction to Business Communication and Personality Development

K. philipsen

ISBN: 9781835351819

HB

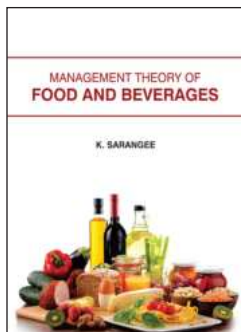
Price: £ 160.00

Size: 7 × 10

Pages: 374

Year: 2025

**About the Book:** The importance of business communication in an organisation is equal to that of sales and marketing. All of the business's stakeholders benefit from a smooth, efficient, and timely flow of information thanks to business communication. The development and growth of a firm depend on effective internal and external business communication. Different communication channels are used in business. No matter the method of communication—emails, pamphlets, newsletters, SMS, phone calls, or one-on-one conversations—it must be efficient and direct. An individual's traits, mannerisms, actions, frame of mind, attitude, and particular perspective on the world are referred to as personality. Your personality is reflected in how you interact with people. Business communication aids managers in efficiently conveying information by offering guidance and tools for enhancing a variety of communication abilities, from making an effective presentation to preparing proposals to using email tactfully. This book emphasises the necessity, significance, and essence of business communication as well as personality development in the corporate world during these difficult times.



## Management Theory of Food and Beverages

K. sarangee

ISBN: 9781835351826

HB

Price: £ 165.00

Size: 7 × 10

Pages: 344

Year: 2025

**About the Book:** This book discusses the challenges of running restaurants and bars. The aim is to investigate the broad spectrum of topics that fall under the purview of operational food and beverage management, including food and beverage production, quality assurance, and financial aspects of food and beverage management. More people work in the food and beverage industry than any other private sector industry combined, and it is enormous. In restaurants, coffee shops, and other food service establishments, employees who serve food and beverages and other items are on the front lines of customer service. These employees welcome clients, lead them to seats, hand them menus, take orders for food and drink, and serve the aforementioned items. The book is a very helpful tool for assistance for everyone who is in business, who plans to enter the food and beverage industry, as well as for students and trainees who are interested in learning in-depth information about this expanding and specialised restaurant and bar company.



## Management of Global Human Resource

Karol Marek

ISBN: 9781835351857

HB

Price: £ 155.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** A highly difficult area of human resource management is global human resource management. The task is half completed if one can develop structures and controls that strike the correct note. Global Human Resource Management holds subsidiaries together, and only when effective structures and controls are in place can various subsidiaries work together cohesively. In addition to these principles, methods, and ideas of business management, there are other notions that should be understood in order to sharpen professional judgement and advance competencies. As a result, the role of human resources will be to adapt to the changing environment and survive while also working to fully develop our most valuable resource, the human being. This book seeks to bridge the gap between the two fields by highlighting and analysing some of the analytical and practical connections. We do not intend to diminish the specific and unique contributions that business and marketing management contribute to our comprehension of human resource and organisational management.



## Methods of Business Research

Laura A

ISBN: 9781835351949

HB

Price: £ 170.00

Size: 7 × 10

Pages: 320

Year: 2025

**About the Book:** Business research is a process of acquiring detailed information of all the areas of business and using such information in maximizing the sales and profit of the business. Such a study helps companies determine which product/service is most profitable or in demand. In simple words, it can be stated as the acquisition of information or knowledge for professional or commercial purpose to determine opportunities and goals for a business. Business research can be done for anything and everything. In general, when people speak about business research design it means asking research questions to know where the money can be spent to increase sales, profits or market share. Such research is critical to make wise and informed decisions. A step in the business intelligence process is business research. It is typically done to ascertain whether a business can prosper in a new area, to comprehend its competitors, or to simply choose a product's marketing strategy. Either qualitative research techniques or quantitative research techniques can be used to conduct this study. This book is designed to explain in detail various types of methods.



## Marketing and It's Importance

Lidia danik

ISBN: 9781835351963

HB

Price: £ 170.00

Size: 7 × 10

Pages: 356

Year: 2025

**About the Book:** In terms of marketing management and the surrounding environment, developments have been ongoing. While some of the modifications were significant, others were more modest. Virtually every market sector has undergone changes as a result of market dynamics, technological advancements, and competition, and one of the most potent company activities is now new product development. Companies are being compelled to innovate at a faster, more efficient, and higher quality rate due to the enormous changes that are continually affecting commerce. New product development has consequently become one of the most challenging and complicated company processes. To survive, businesses must innovate, though. Numerous studies demonstrate the impact of innovation, revealing that market leaders attribute around half of their sales to new goods. The planning of marketing strategies is the subject of this book. Planning a marketing strategy is fundamentally about determining the best way to serve customers.



## Operation Research: An Introduction

M. Merigo

ISBN: 9781835352045

HB

Price: £ 160.00

Size: 7 × 10

Pages: 306

Year: 2025

**About the Book:** Organisational management can benefit from the analytical problem-solving and decision-making process known as operations research (OR). In operations research, issues are deconstructed into their simplest forms before being mathematically analysed and then resolved in a set of processes. When it comes to decision-making, operations research offers a more potent method than standard software and data analytics technologies. Employing operations research experts can assist businesses in obtaining more comprehensive datasets, taking into account all available options, forecasting all potential outcomes, and estimating risk. Additionally, operations research can be customised to certain company procedures or use cases to identify the most effective problem-solving methods. Operations research is a broad field that includes many different approaches to tackling issues that are used to increase effectiveness and decision-making. In order to find optimal or nearly optimal solutions to challenging decision-making situations, this book applies advanced analytical techniques from formal science and applied mathematics, including mathematical modelling, statistical analysis, and mathematical optimisation. It frequently focuses on figuring out the maximum or lowest of some real-world objective.



## Development of Personality and Communication

Mehmet Demirbag

ISBN: 9781835352250

HB

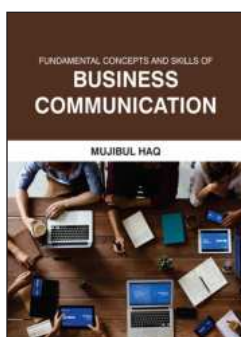
Price: £ 170.00

Size: 7 × 10

Pages: 302

Year: 2025

**About the Book:** Personality and Communication Development covers a wide spectrum of personality constructs, theoretical and methodological frameworks, and the lifetime. The necessity, significance, and importance of personality and communication development are highlighted in this work. The book presents methods for understanding, enhancing, and developing the most sought-after quality of a person—their personality. The book's language is clear, strong, and succinct. It covers a wide range of topics that are relevant to humanity. However, this book has highlighted several elements that can actually aid in the growth of a better personality. The book places a strong emphasis on subjects that are crucial for students, aspiring managers, managers, and professionals.



## Fundamental Concepts and Skills of Business Communication

Mujibul haq

ISBN: 9781835352342

HB

Price: £ 165.00

Size: 7 × 10

Pages: 358

Year: 2025

**About the Book:** The covering of business communication applications builds on the theory previously taught and covers written communications, report authoring, and oral communication. The theory is linked to concrete applications at the proper points. The more obvious relationships are left up to the student because the idea applies to practically every instruction delivered. Business communication is the exchange of information between those inside and outside of an organisation done so for the organization's financial gain. It can also be described as the dissemination of information by employees within a company. Business communication can also be defined as the way management, administration, and employees interact to achieve organisational objectives. Misunderstandings during communication may happen as a result of several impediments that emerge during the communication process. These obstacles make it difficult to comprehend the thoughts, ideas, and messages of others. They are also referred to as business communication issues. These obstacles could be either internal or external. The book will give students the required information and technical know-how to enable them to achieve this crucial criteria for employment in the corporate sector.



## Brand Management Strategies

Paul Jones

ISBN: 9781835352540

HB

Price: £ 170.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** This book offers a thorough grounding in the field of brand management by building on a strong theoretical foundation. To help students comprehend how the theory may be used practically, examples are used throughout the text to illustrate the idea. By approaching the topic of brand management from a distinctive socio-cultural angle, Strategic Brand Management gives students a grasp of its dynamics and equips them to interact with its underlying problems. The book uses this cutting-edge framework but also incorporates more conventional ideas of the brand in terms of equity and positioning. The framework for the book divides a brand's concept into functional and emotional components, examining purchases that satisfy functional needs and how these decisions become emotional ones. The book's language is maintained straightforward without sacrificing the persuasiveness of the argument or watering down the analyses. The book was developed to satisfy the requirements of the curriculum for various universities' B.Com, BBA, M.Com, and MBA programmes.



## Management of Leadership and Change

Reza zaeferian

ISBN: 9781835352717

HB

Price: £ 165.00

Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** Formal organisations have been characterised as those that have been developed as a tool or method for achieving specific goals. Its design outlines how objectives are split and expressed in organisational subdivisions. This organisational structure consists of divisions, departments, sections, positions, jobs, and tasks. The formal organisation is therefore required to act impersonally in its interactions with its clients or members. A variety of subjects related to leadership and change management are covered in the reference book. In order to promote a critical viewpoint and a deeper understanding of this crucial subject area, it depends on a thorough examination of pertinent change management literature. This book provides readers with answers to issues like why change management frequently fails and why people are overlooked in conventional explanations of change management. The current book has been written in a clear manner so that a layperson can readily grasp it. The book was developed following a thorough examination of the ideas and presumptions underlying many leadership and change management philosophies used in contemporary business.





## Management of Operations

Trayon N.

ISBN: 9781835353202

HB

Price: £ 150.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** In order to achieve the best level of efficiency inside an organisation, operations management (OM) is the administration of business practises. It focuses on maximising an organization's profit by effectively turning resources like labour and materials into products and services. To generate the maximum net operational profit, operations management teams strive to balance costs and revenues. Monitoring the utilisation of raw materials and making sure there is no waste are also tasks of operations management. Operations managers use a variety of calculations, like the economic order quantity formula, to decide when and how big of an inventory order to process as well as how much inventory to keep on hand. In the contexts of production, manufacturing, or the provision, operations management is primarily concerned with planning, organising, and supervising. It is delivery-focused as a result, guaranteeing that an organisation successfully converts inputs into outputs in a timely manner. The inputs themselves could be anything, including supplies, machinery, and technology, as well as human resources like employees or staff. The essential function of organisations, the provision of products and services, is the subject of this book. The rise in global rivalry has seen renewed interest in the growth of the operation management discipline, one of the first subfields of business and management studies.



## Management of Global Marketing

W. Machowiak

ISBN: 9781835353295

HB

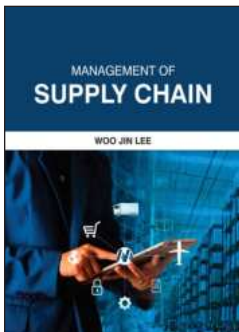
Price: £ 170.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** For M.Com and MBA students studying international or global marketing, Global Marketing is a valuable text. Many businesses today's struggle to determine whether adopting a genuinely global marketing strategy is the best course of action. Due to increased customisation efficiencies made possible by technology, the Internet, and new manufacturing techniques, there is a modest tendency back towards localization. Mass Production has now been replaced with "Mass Customization." The customer does not always respond well to a "one size fits all" approach in today's society. To offer clients in local markets, national markets, foreign markets, and the entire world worthwhile goods, solutions, and services, global marketing is also a discipline of study in general company management. Students learn the knowledge and abilities necessary to grasp critical management decisions through global marketing management. A corporation that wants to sell its products on a worldwide market must prioritise global marketing management. This book will provide a high-level overview of the planning and organisational issues that marketing executives must deal with when thinking about entering a new market for their products.



## Management of Supply Chain

woo jin Lee

ISBN: 9781835353356

HB

Price: £ 150.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** Even the smallest businesses must compete with an expanding pool of international suppliers and customers due to the increasingly global nature of business. Numerous organisational, technical, and cultural changes are brought about as a result, challenging conventional management techniques. Whatever strategies are used to address these issues, all businesses will eventually need to coordinate the flow of their goods, information, and resources. This book focuses on ideas, rules, and practical examples that help readers better grasp supply chain management (SCM). Various disciplines have examined and combined the material that is now available. The book is intended to add to the body of knowledge already available on supply chain management. This work will appeal to all types of readers, but especially academicians, researchers, and students of management, economics, and commerce. It is packed with novel concepts and practises.



## Management of Hospitality and Sales

Y. shachmurove

ISBN: 9781835353400

HB

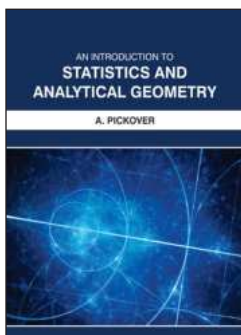
Price: £ 150.00

Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** One of the largest and fastest expanding global sectors is hospitality. It includes industries including transportation, tourism, lodging, dining, drinking, entertainment, and leisure pursuits. This book offers comprehensive instruction based on the tactics used by top hospitality firms. It introduces key sales and marketing ideas and explains how they relate to customers and businesses in the hospitality industry. It exposes undergraduate students in any curriculum to the actual world of hospitality sales and provides them with the firm foundation they will need to start a successful career in the industry. The notions of sales and marketing are interrelated, and each is both an art and a science. Marketing leads to increased sales. Lewis said it best: "Marketing is engaging with and providing target market customers with what they desire, when they want it, where they want it and which price. Marketing, in its broadest sense, is the creation and delivery of a successful product, or the creation and delivery of a happy consumer. The requirements of students specialising in sales management, marketing, and other related professions, whose primary responsibility is to achieve goals and results, have been taken into consideration when structuring this book."

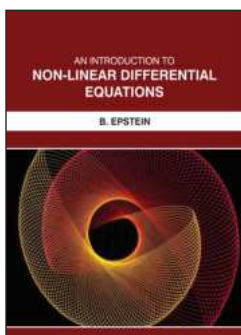


## An Introduction to Statistics and Analytical Geometry

A. pickover

ISBN: 9781835350102 HB Price: £ 150.00 Size: 7 × 10 Pages: 296 Year: 2025

**About the Book:** The traditional topics of Euclidean, relative, and projective geometry in two and three dimensions, such as the arrangement of conics and quadrics, and geometric modifications, are covered in this book. These topics are crucial for the scientific foundation of the subject as well as applications to other topics. They could be considered as a geometry elective or in the first year. The information is presented geometrically, which aims to develop the learner's geometric instinct and way of thinking as well as his capacity to comprehend and provide numerical evidence. Math using direct polynomials is not required and is avoided at all costs. The book contains several activities and problems with arrangements, as well as a few methodological quirks. This outstanding examination, which was specifically written as an integrated study of the development of diagnostic geometry, takes a novel approach to the background of thought history.

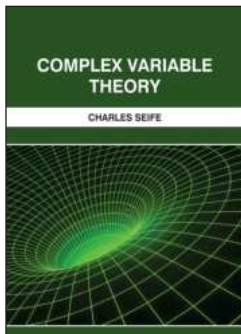


## An Introduction to Non-Linear Differential Equations

B. Epstein

ISBN: 9781835350232 HB Price: £ 150.00 Size: 7 × 10 Pages: 320 Year: 2025

**About the Book:** Numerous basic books have been written about the subject of differential equations. Any obstacles between elementary courses and exam writing are removed by this book. The basic focuses and balance, irregular arrangements, invariant sets, and invariant manifolds—all crucial concepts to consider when thinking about differential equations—are investigated. Beginning with linearization techniques that go all the way back to Lyapunov and Poincaré The global direct approach is then looked at. The Poincaré-Lindstedt method is familiar with estimated occasional arrangements while simultaneously establishing presence via the certain capacity hypothesis in order to gather additional quantitative evidence. As a generic way of standardising estimation, averaging is described. The reader is introduced to unwinding motions, the bifurcation hypothesis, focus manifolds, confusion in mappings, and differential equations in the final four parts. The topic matter is presented throughout the book both subjectively and quantitatively. There are many examples to illustrate the concept, and each reader should be able to start their own investigation after finishing this book.

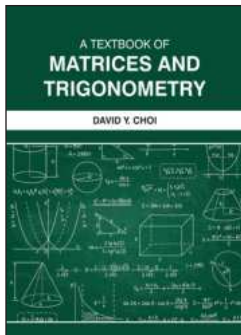


## Complex Variable Theory

Charles seife

ISBN: 9781835350577 HB Price: £ 165.00 Size: 7 × 10 Pages: 286 Year: 2025

**About the Book:** A standout among the most popular scientific topics is complex analysis. It is strong and compelling in its own right, but it is also incredibly useful in a variety of other scientific fields, both independently and in connection. This book differs slightly from others in that it sees complex factors as a natural progression from multivariable true maths. Each time a new idea is offered, a corresponding idea from real analysis and analytics is used to match it up. Case studies and activities that illustrate this notion are abundant in the content. As shown in their proof of the Cauchy theorem, the authors methodically separated the analysis from the topology. The book concludes with a few sections on uncommon subjects, such as whole drugs with unusual abilities, the prime number hypothesis, and the Bergman section. The book also discusses spaces and Painleve's theory of conformal maps having maximum smoothness. This book serves as the text for a complex analysis graduate course in the first year. It is an enticing and up-to-date introduction to the topic, reflecting the founders' skill for both mathematicians and educators.

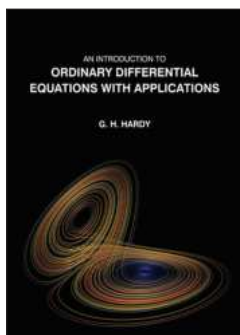


## A Textbook of Matrices and Trigonometry

David y. Choi

ISBN: 9781835350782 HB Price: £ 170.00 Size: 7 × 10 Pages: 330 Year: 2025

**About the Book:** In the eighteenth and nineteenth centuries, matrices and determinants were discovered and developed. Their early work focused on the transformation of geometric objects and the resolution of linear equation systems. In the past, the determinant rather than the matrix received early attention. In contemporary explanations of linear algebra, matrices come first. We won't make many assumptions about this matter. The trigonometric functions (especially sine and cosine) for real or complex square matrices occur in solutions of second-order systems of differential equations. Trigonometry is a branch of mathematics that studies triangles, particularly right triangles. In the language of transformation geometry, every triangle may be changed into another by applying the same scale factor to each part of the triangle, and for similar triangles, one triangle is an enlargement of another. It is intended that the book would be very helpful for maths students and teachers because, in the case of a fractional scale factor, the enlargement actually is a reduction. This book will likely be very helpful for students who want to succeed in engineering as well as those getting ready for different competitive exams.



## An Introduction to Ordinary Differential Equations with Applications

G. H. Hardy

ISBN: 9781835351130

HB

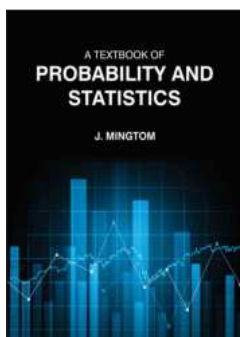
Price: £ 170.00

Size: 7 × 10

Pages: 284

Year: 2025

**About the Book:** Ordinary differential equations (ODEs) are a common occurrence in both social and natural sciences and mathematics. Differentials and derivatives are used in math. In consideration of student needs, the book's focus is restricted to first-order linear differential equations, higher-order linear differential equations, partial differential equations, and unique techniques for solving second-order differential equations mathematical representations of change. A differential equation is a product that explains dynamically changing phenomena, evolution, and variation. Different differentials, derivatives, and functions become associated to one another via equations. Quantities frequently enter differential equations as gradients of quantities or as the rate of change of other quantities (for instance, derivatives of displacement with respect to time). Ordinary differential equations use a function as the unknown element rather than a number, and the known information links that function to its derivatives. In consideration of student needs, the book's focus is restricted to first-order linear differential equations, higher-order linear differential equations, partial differential equations, and unique techniques for solving second-order differential equations.



## A Textbook of Probability and Statistics

J. Mington

ISBN: 9781835351482

HB

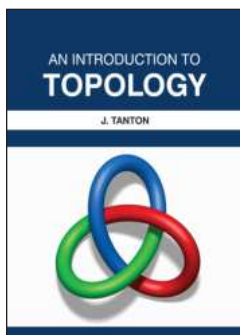
Price: £ 165.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** The book leverages contemporary technology, such as computer software and interactive visual aids, to simplify statistical reasoning and the understanding of statistical data. It targets the conventional introductory probability and statistics market. The authors demonstrate how to use statistical procedures, but they also go over how to meaningfully describe actual sets of data, what the results of statistical tests mean in terms of real-world applications, how to assess the reliability of the assumptions underlying statistical tests, and what to do when statistical assumptions are broken. The new edition maintains the statistical rigour, examples, exercises, and exposition that have established this text as a market leader while also advancing this longstanding heritage of excellence through the incorporation of modern technology.



## An Introduction to Topology

J. Tanton

ISBN: 9781835351512

HB

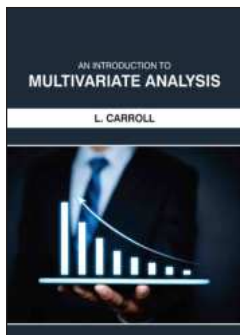
Price: £ 155.00

Size: 7 × 10

Pages: 284

Year: 2025

**About the Book:** The main goal of the book is to give a concise, in-depth overview of fundamental concepts in the study of collections of items, or set, that have a mathematical structure. This book's goal was to provide a comprehensible introduction to algebraic topology with a wide range of material covered. The perspective is extremely traditional in nature and adheres closely to the boundaries of pure algebraic topology. The study of topology emerged from geometry and set theory through the examination of ideas like space, dimension, and transformation. Such concepts date back to Gottfried Leibniz, who proposed the geometria situs and analysis situs in the 17th century. Perhaps the first theorems in the discipline were Leonhard Euler's solutions to the Seven Bridges of Königsberg Problem and Polyhedron Formula. Johann Benedict Listing coined the term "topology" in the 19th century, but the concept of a topological space wasn't defined until the early 20th century. The study of topology had grown to be a significant area of mathematics by the middle of the 20th century. The driving idea behind topology is that certain geometric issues are determined less by the precise geometry of the objects involved and more by their arrangement.



## An Introduction to Multivariate Analysis

L. Carroll

ISBN: 9781835351901

HB

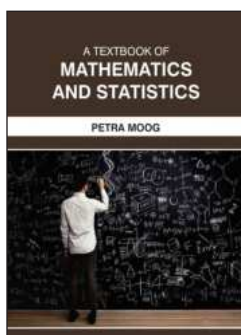
Price: £ 150.00

Size: 7 × 10

Pages: 316

Year: 2025

**About the Book:** It is frequently required to continuously break down the elements when measuring multiple aspects on a complex test unit rather than separating them and considering them independently. These pages With the aid of multivariate analysis, analysts may examine how these elements interact and determine each factor's influence while keeping an eye on the others. This book equips students at all academic levels with the fundamental and more contemporary skills needed to ace the train. The author provides examples and exercises based on 59 real factual sets from a wide range of logical domains to illustrate multivariate applications. Here approaches his topic from a "strategies" perspective, focusing on how professionals and students might use multivariate analysis given the circumstances. Cluster analysis, multidimensional scaling, correspondence analysis, and biplots are among the sections covered in this book.

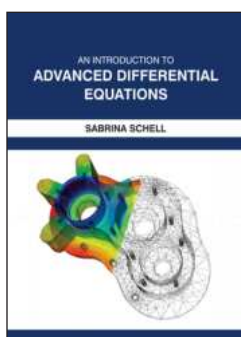


## A Textbook of Mathematics and Statistics

**Petra moog**

ISBN: 9781835352588 HB Price: £ 165.00 Size: 7 × 10 Pages: 346 Year: 2025

**About the Book:** In all corporate organisations, statistics and math are frequently utilised in the decision-making process. The researcher can decide on business challenges with objectivity by using mathematical and statistical tools. This book was well-written and uses straightforward language. This book's goal is to present key elements of mathematical and statistical techniques that are frequently utilised in business, management, and economics. There are now more topics in mathematics and statistics that must be mastered. Additionally, it is becoming more and more important in helping to find solutions to issues that arise in the social sciences. Mathematics and Statistics are subjects that are always developing, producing fascinating new theories, difficult challenges, in addition to being the foundation of many disciplines. The book is a thorough examination of all the subject's key elements. Each topic is covered in a methodical and logical manner. One of the main goals of developing this book was to give the reader enough essential knowledge about various elements of the subject.

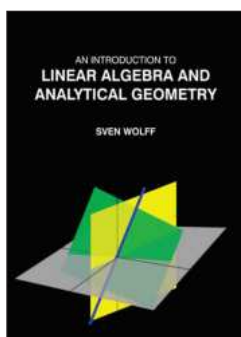


## An Introduction to Advanced Differential Equations

**Sabrina Schell**

ISBN: 9781835352885 HB Price: £ 160.00 Size: 7 × 10 Pages: 376 Year: 2025

**About the Book:** Advanced terms may, for instance, depict the dependence on expected capital stock. Advanced differential equations are used in a variety of applications, particularly as mathematical models in economics. The nonoscillation characteristics of scalar advanced differential equations are also covered in this book. For linear delay or advanced differential equations with variable coefficients—not necessarily continuous delays or advanced arguments—some novel oscillation and nonoscillation criteria are provided. The most recent syllabi for numerous universities have been taken into consideration when writing the current book. Students can quickly access the material because of how it has been presented. The presenting style is simple and easy to understand, making it simple for the pupils to follow. The materials follow the prescribed syllabi and are organised in a way that makes it simple for the student to progress from the basic to the sophisticated. We sincerely hope that all of our students will find significant value in this book.

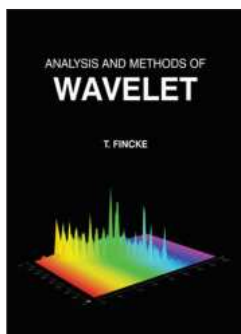


## An Introduction to Linear Algebra and Analytical Geometry

**Sven Wolff**

ISBN: 9781835353059 HB Price: £ 150.00 Size: 7 × 10 Pages: 294 Year: 2025

**About the Book:** The topics are covered in the same order in this book as they are in the textbook. The issues relate to the topics of analytical geometry and linear algebra. A student should be able to solve linear equations and carry out the fundamental operations on numbers and algebraic expressions after reading this book. Tests in linear algebra will demonstrate a reader's knowledge and skills, as well as their capacity for symbol interpretation, statement justification, and proof construction. Readers should be able to solve linear systems of equations by applying the properties of determinants and matrix operations. Topics covered in analytical geometry include various equations for planes and straight lines, angles between basic figures, and second-order curves. For researchers and academicians, this book will serve as a definitive and useful reference.



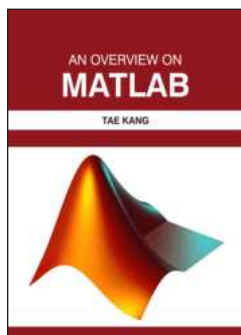
## Analysis and Methods of Wavelet

**T. Fincke**

ISBN: 9781835353080 HB Price: £ 165.00 Size: 7 × 10 Pages: 298 Year: 2025

**About the Book:** The examination of time-frequency signal analysis, wave generation, and hypothesis testing was where the concept of "ondelettes" or "wavelets" first emerged. The Fourier change analysis does not include the neighbourhood data of signals, which is one of the main justifications for the disclosure of wavelets and wavelet changes. As a result, the Fourier change cannot be used to analyse signals in a combined time and frequency domain. In a cooperative effort with a group of French designers, Jean Morlet originally proposed the concept of wavelets in 1982. He described them as a collection of capacities created by interpreting and expanding a single capacity, known as the mother wavelet, for the analysis of non stationary signals.. With current applications in wave spread, information pressure, picture preparation, design acknowledgment, PC illustrations, the location of airships and submarines, change in CAT filters, and other restorative picture technology, wavelet analysis is an exciting new technique for solving challenging problems in science, material science, and building





## An Overview on MATLAB

**Tae Kang**

ISBN: 9781835353134

HB

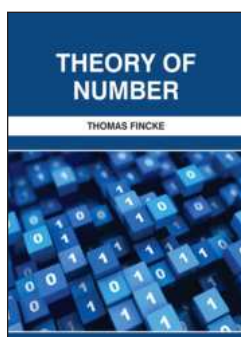
Price: £ 165.00

Size: 7 × 10

Pages: 358

Year: 2025

**About the Book:** Numerous elements of this book are intended to highlight the appropriate technique to build dependable MATLAB programs. When a learner is learning MATLAB for the first time, these aspects should be helpful, and they should be helpful to the practitioner in their day-to-day work. They are as follows: 1. Top-Down Design is the Focus technique: In Chapter 3 of the book, a top-down design technique is introduced continuously for the remainder of the book. This approach encourages a pupil to consider the correct planning of a programme before writing any code. It highlights the value of communicating effectively before beginning any other activity, defining the issue to be solved and the necessary inputs and outputs essential. Once the issue has been clearly described, the pupil is taught how to use stepwise refinement after the problem has been adequately specified. The book covers the common mistakes with effective solutions to resolve them.



## Theory of Number

**Thomas Fincke**

ISBN: 9781835353158

HB

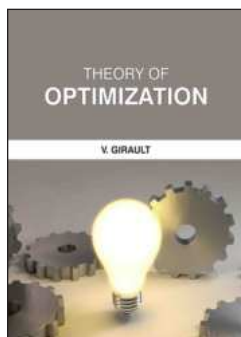
Price: £ 150.00

Size: 7 × 10

Pages: 328

Year: 2025

**About the Book:** The author of this book addresses the problem of maintaining the interest of students at the two levels by providing a combinatorial approach to handle the basic number hypothesis. Concentrate number hypothesis is viewed from such a point of view that maths majors are spared repetition and given fresh information, while other understudies profit from the subsequent simplicity of some hypotheses' verifications. The author's emphasis on the estimation of numerical cases in number hypotheses and the role of PCs in obtaining such illustrations is particularly significant in this piece of information. This book's goal is to familiarise the reader with the fundamental concepts of number theory, including prime numbers, number geometry, additional substance number hypothesis, logarithmic number hypothesis, the probabilistic number hypothesis, and the hypothesis of Diophantine approximations. This book has explained concepts deeply which is written in lucid manner.



## Theory of Optimization

**V. Girault**

ISBN: 9781835353240

HB

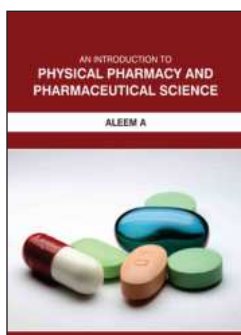
Price: £ 170.00

Size: 7 × 10

Pages: 314

Year: 2025

**About the Book:** Numerous problems in finite-dimensional optimisation arise in the numerical sciences. The majority of these problems cannot be systematically described. This introduction to optimisation aims to find a balance between the development of numerical calculations and the introduction of scientific hypotheses. The content provides a full piece without going into excessive detail, building on students' mathematical and basic variable-based skills. Insights and biostatistics graduate students will benefit the most from its emphasis on factual applications. The target audience also includes students who want to see rigorous math combined with practical applications in related math, computational science, software engineering, financial elements, and material science. Machine sequencing, stock control and planning, plant recharging, conveyance, financial matters, and compound process control and outline are the fields covered. Particularly these final two are topics that are typically overlooked in operations examine schooling programme. In each field, the position and status of optimisation methods are first described, and then a wide range of practical contextual studies and cases are examined.

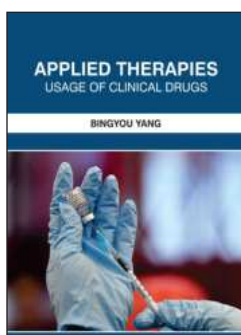


## An Introduction to Physical Pharmacy and Pharmaceutical Science

**Aleem A**

ISBN: 9781835350164 HB Price: £ 155.00 Size: 7 × 10 Pages: 314 Year: 2025

**About the Book:** The area of pharmacy known as physical pharmacy focuses on using physics and chemistry to research pharmacy. In other words, it is the investigation of the molecular consequences dosage forms have on their surroundings. The term "pharmaceutical science" designates a group of academic disciplines that include pharmacoeconomics, clinical sciences, drug delivery, drug action, drug discovery and design, and regulatory affairs. Another pharmaceutical science is pharmaceutical chemistry. Because pharmaceutical research is such an exact science, there is an ongoing need for qualified chemists. The demand for employable chemists has increased due to the expansion of healthcare facilities and improvements in the healthcare sector overall. For the treatment of patients, the hospital and the retail sector of the healthcare industry both require highly qualified chemists. This book has been revised to reflect the expanding extent and diversity of the pharmaceutical sciences and has a deeper focus on the most crucial, applicable knowledge. This reputable textbook and reference will assist you in using the concepts of biology, physics, and chemistry in your work and study whether you're a student, teacher, researcher, or industrial pharmaceutical scientist.

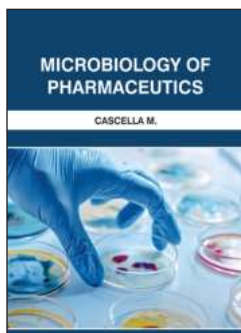


## Applied Therapies: Usage of Clinical Drugs

**Bingyou Yang**

ISBN: 9781835350348 HB Price: £ 165.00 Size: 7 × 10 Pages: 302 Year: 2025

**About the Book:** Drug concentrations in body fluids, typically plasma, can be monitored therapeutically to aid in diagnosis and throughout treatment. The choice of medications for therapeutic drug monitoring is crucial because many drugs' concentrations and effects are not directly correlated. Therapeutic drug monitoring tries to improve pharmacological efficacy, lessen toxicity, or help with diagnosis for a limited group of pharmaceuticals. It has intrinsic restrictions despite its apparent advantages. Patients must be given pharmaceuticals that are appropriate for their clinical needs, in doses that fit their unique requirements, for an adequate amount of time, and at the least expensive cost to them and their community in order for medication to be used rationally. Medication concentrations are measured as part of therapeutic medication monitoring, but the results are also clinically interpreted. Once a molecule has been found that satisfies all of these criteria, medication development will start before clinical trials. Computer-aided drug design may be used in one or more of these processes, although it is not required. For practising physicians, large practises, and students interested in learning about practical pharmacology, Applied Therapeutics is a significantly more effective instructional material. The reader is guided through the fundamentals of pharmacological therapy in this text.

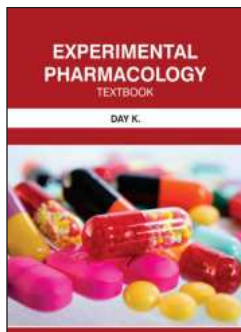


## Microbiology of Pharmaceuticals

**Cascella M.**

ISBN: 9781835350539 HB Price: £ 170.00 Size: 7 × 10 Pages: 272 Year: 2025

**About the Book:** Antibiotics, hormones, vitamins, and vaccinations are examples of medical goods obtained from microbial biosynthesis. Pharmaceutical microbiologists have numerous strategies to produce more of the final product of choice. The use of microbial cells as living factories is the first step in industrial fermentation processes. The application of microbiology to the pharmaceutical and healthcare industries is known as pharmaceutical microbiology. The highly diverse range of microorganisms in the environment is seen as having fruitful potentials, some for benefit and others for hazard, by this applied field of microbiology. The manufacturing of pharmaceuticals, dietary supplements, and industrial solvents as well as the creation of the numerous vaccinations that have played such a significant role in the advancement of global health are among the areas of application. Pharmaceutical microbiologists have numerous strategies to produce more of the final product of choice. Despite being a traditional field, microbiology is advancing quickly due to increased awareness of its significance in areas such as business, agriculture, pharmaceuticals, public health, geological explorations, and bioenergetics. It is also being used to tap into new energy sources that can be used for a variety of reasons. Because of its close ties to the pharmaceutical business, notably in the production of parenteral products, ophthalmic products, vaccines, and other products, as well as their aseptic processing and sterilisation, this book is crucial for all pharmacy students.

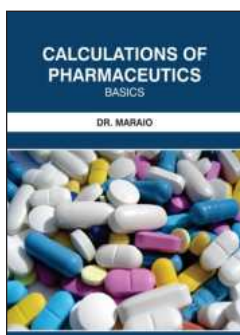


## Experimental Pharmacology: Textbook

**Day K.**

ISBN: 9781835350812 HB Price: £ 170.00 Size: 7 × 10 Pages: 316 Year: 2025

**About the Book:** Medicines are the subject of pharmacology. In order to comprehend the qualities of medications and their functions, it includes investigating the interactions of chemical compounds with living systems, particularly the interactions between drug molecules and drug receptors and how these interactions have an impact. Experimental pharmacology is the study of pharmacologically unidentified substances and pharmaceutical products in controlled environments using human and animal research. In order to identify a safe therapeutic agent acceptable for the general public, it deals with the effects of various test substances examined on various animal species. It also discusses the mechanism and location of action of a test substance. In order to help in the decision of which compound to develop clinically, acute toxicity studies in animals are performed. These studies should be well designed to evaluate the dose-biological response relationship and the pharmacokinetics in the treated subject over an appropriate period of time. For adequate public health safety, clinical and histopathological must be assessed at the beginning and end of acute toxicity. The most complete source on the use of physical chemistry principles in the many fields of pharmacy is this text. It aids in using the concepts of mathematics, chemistry, and physics in the work and study of students, teachers, researchers, and manufacturing chemists.



## Calculations of Pharmaceutics: Basics

Dr. Maraio

ISBN: 9781835350904

HB

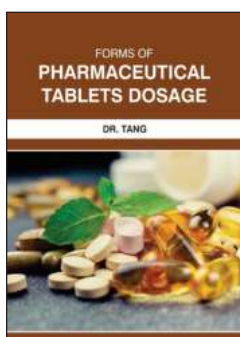
Price: £ 165.00

Size: 7 × 10

Pages: 308

Year: 2025

**About the Book:** The ideal text for students or professionals looking to comprehend or hone the math skills essential to becoming a skilled chemist is Pharmaceutical Calculations. Pharmaceutical calculations are the branch of mathematics that deals with the preparation, usage, and disposal of drugs. The potency and durability of the health advantages of nutrients, as well as the therapeutic effects of medical treatments, are determined by dosage (the size of each dose). The strength of toxic and treatment-related side effects is also influenced by dosage. The prepared forms into which medications are made for practical use in medicine is known as pharmaceutical preparations. Drug use can be quantified in terms of price, number of units, number of prescriptions, or actual drug quantity. But over time, these factors can differ between nations and regions. When giving medication or reacting to toxin exposure, the dosage, route, concentration, and division across time may all be crucial factors. Since nutrients are typically consumed orally, the route is usually obvious in nutrition. However, the dosage and frequency of nutrient intake are crucial factors in preventing disease and enhancing general health. From dispensing to manufacturing, quality control, and research and development in the pharmaceutical industry, calculations in pharmacies cover a wide range of activities.



## Forms of Pharmaceutical Tablets Dosage

Dr. Tang

ISBN: 9781835350911

HB

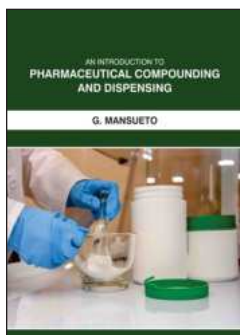
Price: £ 170.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** A physical form used to physically deliver medication molecules to the site of action is referred to as a dosage form. Due to their stability and simplicity in mass production, solid dosage forms are the most often utilised dosage type namely tablets, capsules, pills with sugar coating, powders, granules, sachets, etc. In order to properly reach the patient's body's target location and, in many cases, implement controlled medication release, it is critical to adopt the proper pharmaceutical dosage form and drug delivery system when formulating any drug. In order to impose certain benefits on a dosage form, a tablet coating procedure involves applying an essentially thin, outer layer of coating material on its surface. Testing pharmaceutical dosage forms ensures that your medicine formulation is effective and bioavailable. Testing for potential medication degradation and formulary stability is essential. Dosage form testing also confirms the formulation's physical strength, for instance to reduce the likelihood of tablets collapsing. Pharmaceutical dosage form testing guarantees that a high-quality final product reaches your end user in addition to meeting market laws.



## An Introduction to Pharmaceutical Compounding and Dispensing

G. Mansueto

ISBN: 9781835351147

HB

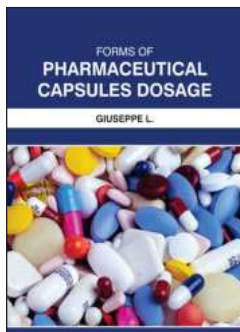
Price: £ 150.00

Size: 7 × 10

Pages: 324

Year: 2025

**About the Book:** Every year, millions of medications are custom-made to satisfy the individual requirements of patients who might not otherwise have access to the proper quantity or concentration of their treatment. Delivering the best, most individualised patient care necessitates having a thorough understanding of compounding quality hazards and applying established USP standards into daily practise. The process of combining, blending, or changing substances to make a treatment specific to the requirements of a particular patient is known as drug compounding. Combining two or more medications is referred to as compounding. Drugs made from scratch are not FDA-approved. Although compounded medications can fulfil a critical medical requirement for patients, they lack the same safety, quality, and effectiveness guarantees as authorised medications. Patients are unnecessarily exposed to potentially serious risks when they take compounded medications. For ages, chemists have been in charge of synthesising medications. Despite the fact that the majority of contemporary medications are not blended in a neighbourhood pharmacy, pharmacists nevertheless need to be familiar with this process on occasion. Pharmaceutical Compounding and Dispensing offers a thorough manual for creating impromptu formulations in a secure and efficient manner.



## Forms of Pharmaceutical Capsules Dosage

Giuseppe L.

ISBN: 9781835351215

HB

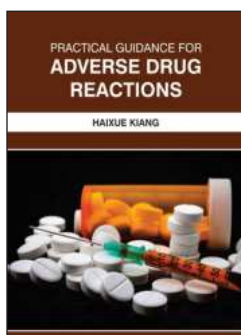
Price: £ 160.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** For oral administration of pharmaceutical and nutraceutical goods, capsules are a typical type of dose. They are manufactured in a variety of forms, dimensions, and materials, and each capsule typically contains one dose of the active component. Other excipients, such as antimicrobial preservatives, fillers, flavourings, sweeteners, and colouring agents, are added to the fill material in addition to the active medication ingredient or primary nutrient. The outside of the capsule may be printed with the brand name and the recommended dosage. Capsules are solid preparations that contain either a soft or a hard dissolving shell around the medicinal substance(s) and/or excipients. Gelatin or another suitable polymeric substance is typically used to create the shell, which produces a straightforward, tasteless, odourless, elegant, and simple dosage form that is easy to swallow without the need for a second coating. Hard shell capsules are numbered from 000 to 5 and are available in a range of conventional sizes. The size of the capsule with the number 000 is the largest, while the capsule with the number 5 is the smallest. All people engaged in the design, production, and testing of capsules must have access to Pharmaceutical Capsules. Students studying pharmaceutical sciences as well as regulatory authorities will find it useful.



## Practical Guidance for Adverse Drug Reactions

Haixue Kiang

ISBN: 9781835351291

HB

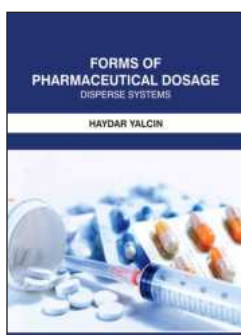
Price: £ 150.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** According to the definition of an adverse drug reaction (ADR), it is "an appreciably harmful or unpleasant reaction resulting from an intervention related to the use of a medicinal product; adverse effects usually predict hazard from future administration and warrant prevention, or specific treatment, or alteration of the dosage regimen, or withdrawal of the product." Your prescribing choice can be informed by patient susceptibilities, which lowers the likelihood of an adverse drug reaction. The medication history of a patient will reveal any prior ADRs and hence bar re-exposure to the medicine. In other situations, susceptibility elements including age, gender, whether a woman is pregnant, and ethnicity can aid in predicting the likelihood that an ADR would occur. Many illnesses, particularly those that result in hepatic or renal failure, might change how drugs are metabolised. There are resources that detail modifications in a drug's metabolism brought on by medical conditions. Because of its close ties to the pharmaceutical business, notably in the production of parenteral products, ophthalmic products, vaccines, and other products, as well as their aseptic processing and sterilisation, this book is crucial for all pharmacy students.



## Forms of Pharmaceutical Dosage: Disperse Systems

Haydar Yalcin

ISBN: 9781835351307

HB

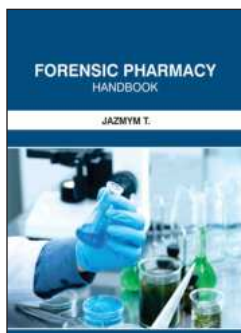
Price: £ 170.00

Size: 7 × 10

Pages: 350

Year: 2025

**About the Book:** Liquid suspensions, liquid emulsions, semisolid liquid-filled systems, foams, and powder-filled solid polymeric systems are only a few examples of dispersed systems. Pharmaceutical film coatings are an example of powder-filled solid polymeric systems. Particularly when the droplets or solid particles of the scattered phase interact with one another or with the surrounding bulk phase, the rheological and mechanical properties of dispersed systems are poorly understood. It focuses on certain disperse system dosage form types, including formulation techniques and stability test methodologies. One of the key factors in achieving the optimum drug concentration in the systemic circulation for the desired (expected) pharmacological response is solubility, the phenomenon of solute dissolving in solvent to produce a homogeneous system. One of the main issues with different types of medications is their poor water solubility, and numerous strategies have been developed to improve their solubility. The behaviour of a drug's solubility in water continues to be one of the most difficult areas of formulation development. The science and technology involved in creating disperse systems like emulsions, suspensions, foams, and others are presented in detail in this book.



## Forensic Pharmacy: Handbook

Jazmym T.

ISBN: 9781835351581

HB

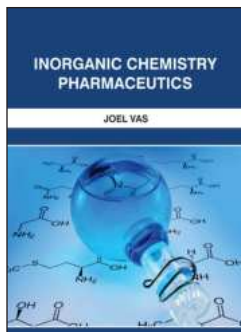
Price: £ 150.00

Size: 7 × 10

Pages: 366

Year: 2025

**About the Book:** The application of drug sciences to legal matters is known as forensic pharmacy. Pharmacists who specialise in forensics operate in the legal, regulatory, and criminal justice systems. Numerous other forensic areas and forensic pharmacy share similarities. The sacred profession of pharmacy has been developed in our nation on the foundation of forensic pharmacy. It offers the profession the much-needed professional stability, ethical strength, and legal protection. Non-compartmental (model independent) or compartmental approaches are used to conduct pharmacokinetic study. Non-compartmental approaches calculate the area under the curve of a concentration-time graph to determine the drug exposure. Utilising kinetic models, compartmental methods estimate the concentration-time graph. Because they don't presuppose a particular compartmental model and yield reliable data suitable for bioequivalence research, compartment-free approaches are frequently more flexible. The science of pharmacotherapy is concerned with using medications to treat illness. Nearly every area of medicine is covered by this field of study, which also incorporates a range of other sciences including chemistry. Additionally, this is the main cause of the high cost of pharmaceuticals and their regular price increases. Based on their extensive experience teaching lectures on the topic of forensic pharmacy, the writers made an effort to give clear and intelligible language of the subject for pharmacy students.



## Inorganic Chemistry Pharmaceutics

Joel Vas

ISBN: 9781835351697

HB

Price: £ 170.00

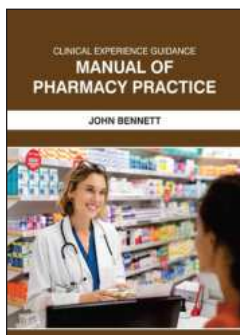
Size: 7 × 10

Pages: 346

Year: 2025

**About the Book:** Organic, inorganic, physical, medicinal, and analytical chemistry are all included in the branch of applied chemistry known as pharmaceutical chemistry. These disciplines are also used in the preparation, synthesis, standardisation, interpretation of drug actions, drug interactions, and analysis of chemical substances for use as medicines. Pharmaceutical products address certain ailments in patients, hence enhancing their health. Before these medications are released onto the market, a thorough study process is followed. These medications go through clinical testing before being administered to people. To gauge their effectiveness and safety, they are initially tested on animals. Later, these medications are given to patients on doctor's prescriptions. The biomolecules that truly characterise life are nucleic acids. The goal of this book is to provide chemists with the knowledge and abilities needed to carry out their clinical pharmacy practise duties. Instead of teaching students what they need to know about medications and treatments, the emphasis is on teaching them about how clinical pharmacy is practised.



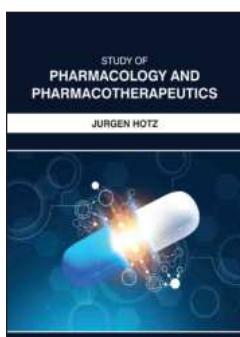


## Clinical Experience Guidance: Manual of Pharmacy Practice

John bennett

ISBN: 9781835351727 HB Price: £ 160.00 Size: 7 × 10 Pages: 316 Year: 2025

**About the Book:** Pathologic technologists conduct tests on biological samples, such as cells, fluids, and body tissues, in lab environments. Technologists have a wide range of job opportunities, including oncology (cancer research) and immunology (research on the immune system). They collaborate with doctors and other researchers, use advanced testing equipment, and are in charge of recording and logging data. Exercise has a variety of connected impacts on brain function, structure, and cognition. These effects are known as the neurobiological effects of physical activity. The tasks and obligations of individuals concerned have expanded along with the spectrum of diagnoses. In the past, chemists were typically not actively involved, but this is quickly changing. Treatment choices based on diagnostic information are multiplying at an alarming rate. Diagnostics remain unexplored area for chemists in all practice contexts, despite empirical treatments, in which a practitioner may not be aware of a patient's unique difficulties, becoming the exception rather than the rule. Any chemical substance intended for use in the medical diagnosis, cure, treatment, or prevention of disease is considered a pharmaceutical drug, often known as medicine, medication, or medicament. This book is the first clinical clerkship manual created specifically for pharmacy students and serves as a unique source of information for their inaugural clerkship.

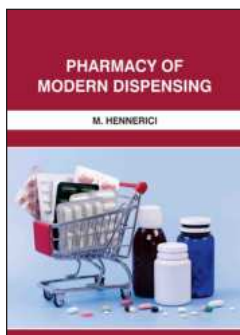


## Study of Pharmacology and Pharmacotherapeutics

Jurgen hotz

ISBN: 9781835351796 HB Price: £ 150.00 Size: 7 × 10 Pages: 328 Year: 2025

**About the Book:** The study of medications and their effects on living systems, or what is frequently referred to as "drug actions," is the focus of the scientific field of pharmacology. It is important to understand what a drug is, how it affects our physical, emotional, and psychological health, the type of drug being taken, the routes of administration, how the drug is absorbed, and the characteristics of the person using the drug in order to fully comprehend this. Doctors are held in high regard by the public since they have been one of humanity's greatest providers of services. Therefore, it is the doctors' job to maintain a high level of quality and standard in the delivery of medical care. Pharmacogenetics and pharmacogenomics are frequently used interchangeably. While pharmacogenetics concentrates on single drug-gene interactions and pharmacogenomics encompasses a more genome-wide association approach, incorporating genomics and epigenetics while dealing with the effects of multiple genes on drug response, the two terms are related to drug response based on genetic influences. This book encourages logical thought among students and broadens the body of scientific knowledge.

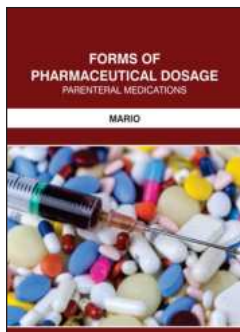


## Pharmacy of Modern Dispensing

M. hennerici

ISBN: 9781835352014 HB Price: £ 170.00 Size: 7 × 10 Pages: 328 Year: 2025

**About the Book:** All dose forms, such as liquid, solid, and semisolid dosage forms, as well as pharmaceutical incompatibilities are covered in The Dispensing Pharmacy, a practical manual. Pharmaceutical dosage forms are developed, produced, and evaluated primarily in pharmaceuticals. Other disciplines, such as physical pharmacy and pharmaceutical engineering, are also integrated for this, in addition to pharmaceuticals. Physical pharmacy expertise helps with pre-formulation tasks, but pharmaceuticals knowledge is crucial throughout formulation and production. Industrial scale production is greatly aided by pharmaceutical engineering. The modern healthcare system, which emphasises flexible care that puts the patient's interest first, is increasingly dependent on multidisciplinary health care teams. Using their knowledge of the safe and efficient use of medications, chemists collaborate with other healthcare professionals to deliver the best possible patient care. Pharmacists are expected to be experts at the meticulous science and art of prescription dispensing. It goes without saying that contemporary chemists must adapt to their changing roles, and this has been the main focus of the literature on current dispensing pharmacy.

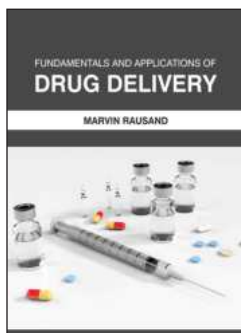


## Forms of Pharmaceutical Dosage: Parenteral Medications

Mario

ISBN: 9781835352120 HB Price: £ 150.00 Size: 7 × 10 Pages: 330 Year: 2025

**About the Book:** Parenteral medications can be either small molecules or biologics and are given intravenously or intramuscularly. Increases in parenteral medication development are crucial for the connected manufacturing industries, as well as for chemicals like excipients that are required to create and manufacture these drugs. Parenteral describes the method by which a medicine enters the body. Parenteral drugs are injected into the body, passing through tissue and the circulatory system. Patients who are sick, vomiting, unable to take oral fluids, or who have difficulty swallowing are treated with injection drugs because they are absorbed more quickly. The proper preparation and administration of parenteral drugs can make them both safe and effective. However, there are various hazards involved because they are intrusive and quickly and easily absorbed into the body. Parenteral refers to medications administered via injection or infusion. The term "enteral route" typically refers to ingesting medication. This book is a complete, authoritative reference work on the development of parenteral dosage forms that successfully strikes a balance between theoretical and practical factors.

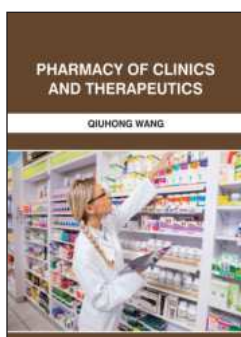


## Fundamentals and Applications of Drug Delivery

Marvin Rausand

ISBN: 9781835352182 HB Price: £ 160.00 Size: 7 × 10 Pages: 306 Year: 2025

**About the Book:** A pharmaceutical compound is transported to its target site via various strategies, formulations, production processes, storage systems, and technologies in order to produce the intended therapeutic effect. To achieve a therapeutic result, drug delivery refers to the strategy and procedure used to deliver pharmaceuticals, medicines, and other xenobiotics to the site of action within an organism. For medication distribution, pharmacodynamic and pharmacokinetic issues are crucial to take into account. Systems for the targeted delivery and/or controlled release of medicinal substances are known as drug delivery systems. Drugs have been used for a long time to enhance health and lengthen lives. In the last few decades, drug distribution has undergone significant change, and even more change is projected in the near future. Biomedical engineers have made significant contributions. The idea of modified nano-carriers might be a promising way to deal with perplexing issues in agriculture that might boost crop yield while lowering the environmental effect related to crop protection and food production. The fundamentals, current applications, and potential future developments of enhanced medication delivery and targeting are all covered in this book.



## Pharmacy of Clinics and Therapeutics

Qihong Wang

ISBN: 9781835352625 HB Price: £ 160.00 Size: 7 × 10 Pages: 280 Year: 2025

**About the Book:** Clinical pharmacy is a field of health sciences that optimises drug therapy by putting more of an emphasis on the patient than on services geared towards pharmacological products. The area of pharmacy known as clinical pharmacy is when professional pharmacists work directly with patients to maximise the use of medications while fostering wellness, good health, and disease prevention. Although clinical chemists provide patient care across the board of healthcare facilities, the clinical pharmacy movement actually had its start in hospitals and clinics. The area of pharmaceutical science known as pharmacy practise where all experiments are conducted using the findings from fundamental studies. A natural healing method called naturopathy makes use of nature's inherent healing abilities. According to Naturopathy, the primary cause of all illnesses is the buildup of poisons. The path to health is prevention and toxic removal. The five major elements of nature that have the most healing potential constitute the foundation of treatments. Internal drugs play no part in the natural healing process. The writers combine knowledge of the pathophysiological processes, clinical pharmacy, and the evidence base with a comprehension of the illness processes.

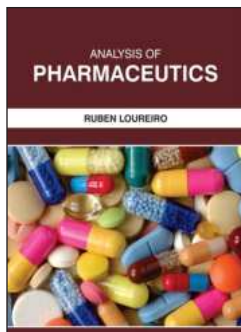


## Calculations of Pharmacy for Technicians

Rajnik M.

ISBN: 9781835352694 HB Price: £ 150.00 Size: 7 × 10 Pages: 344 Year: 2025

**About the Book:** Students study the fundamental mathematical ideas and techniques that pharmacy technicians employ on the job in Pharmacy Calculations for Technicians. The dispensing tasks that were formerly handled by chemists are progressively being taken up by technicians in today's chemist. For many plants, the stage of growth or development when medicinal activity is at its peak has been meticulously identified. The apparent volume of distribution (Vd) and elimination rate (Kel), two parameters, are needed for this model. Medical professionals, chemists, and scientists who specialise in clinical pharmacology study and develop novel medication therapy. In the academic, industrial, and governmental sectors, clinical pharmacologists work in a number of situations. They research genetics, pharmacokinetics, drug metabolism, and biomarkers in a lab setting. In the workplace, they plan and assess clinical trials, develop and put into practise drug use control rules, and assess local and worldwide drug usage. This book is meant to be used as a quick-access resource that may be applied in the classroom, as a lab reference, and in actual pharmacy practise. It is intended to be a quick reference and resource that offers definitions that are quickly available, pharmacy applications, advice on how to handle "tricky" calculations, and realistic/function examples.

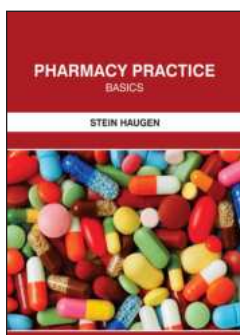


## Analysis of Pharmaceuticals

Ruben Loureiro

ISBN: 9781835352786 HB Price: £ 160.00 Size: 7 × 10 Pages: 302 Year: 2025

**About the Book:** The chemical, biochemical, and pharmacological characteristics of pharmaceuticals are all covered under the field of chemistry known as pharmaceutical chemistry. It entails chemical synthesis and isolation, identification, structural elucidation, structural modification, structure activity relationship (SAR) research, analysis of the chemical properties, biochemical modifications following drug administration, and their pharmacological effects. All elements and their compounds, with the exception of carbon and its compounds (which are studied under organic chemistry), are studied under inorganic chemistry. Except for the category of organic molecules, inorganic chemistry addresses the properties of things like nonliving materials and minerals that are found in the earth. Coordination chemistry, bioinorganic chemistry, organometallic compounds, and synthetic inorganic chemistry are all subfields of inorganic chemistry. We can say that organic chemistry is the study of molecules that contain carbon and hydrogen, while inorganic chemistry is the study of substances or molecules devoid of carbon atoms. Instead of using the conventional chemical classification, the subject matter in this book has been reorganised to incorporate application-based classification (therapeutic, pharmaceutical, etc.).



## Pharmacy Practice: Basics

Stein Haugen

ISBN: 9781835353042

HB

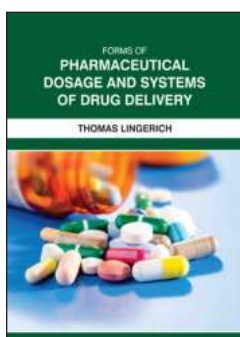
Price: £ 170.00

Size: 7 × 10

Pages: 336

Year: 2025

**About the Book:** One of the pharmaceutical sciences' fastest-growing subfields at the moment is pharmacy practise. The book is written with the intention of educating aspiring chemists on the fundamentals of pharmacy practise. The area of pharmaceutical science known as pharmacy practice where all experiments are conducted using the findings from fundamental studies. Drug manufacture and trading are both included in pharmacy practise. Any chemical substance intended for use in the medical diagnosis, cure, treatment, or prevention of disease is considered a pharmaceutical drug, often known as medicine, medication, or medicament. The area of pharmacy called pharmacy practise is concerned with shaping pharmacists' professional responsibilities. Pharmacy Practise provides up-to-date, helpful reviews, research studies, and surveys of newer medications to working chemists. The goal of this book is to provide chemists with the knowledge and abilities needed to carry out their clinical pharmacy practise duties. Rather than what students need to know about medications and therapies, the emphasis is on educating them about how clinical pharmacy is practised.



## Forms of Pharmaceutical Dosage and Systems of Drug Delivery

Thomas Lingerich

ISBN: 9781835353165

HB

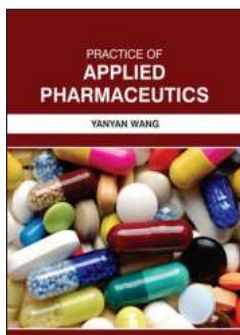
Price: £ 155.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** The pharmaceutical formulation of the drug and the dynamic interactions between the drug, its formulation matrix, its container, and the patient's physiologic environment are dealt with by the drug delivery system. Pharmaceutics is the study of these dynamic relationships. Rheology is the study of how matter flows, typically as a liquid but also as "soft solids" or solids that flow plastically in response to an applied force rather than deforming elastically. It applies to substances with a complex microstructure, such as muds, sludges, suspensions, polymers, and other glass formers (for example, silicates), as well as to many foods and additives, bodily fluids (for example, blood), other biological materials, and other substances that fall under the category of soft materials. Adverse effects, like therapeutic effects, depend on dosage or drug levels at the target organs, therefore they can be prevented or reduced with the use of meticulous and exact pharmacokinetics, which describes how drug levels change in the body as a function of time after delivery. This book's comprehensive approach offers students, teachers, and professionals a cohesive source of information in addition to giving readers a unique viewpoint on the entire area.



## Practice of Applied Pharmaceutics

Yanyan Wang

ISBN: 9781835353417

HB

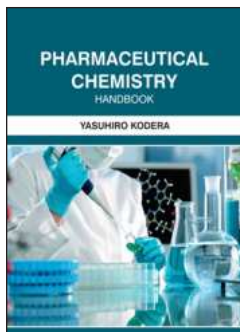
Price: £ 155.00

Size: 7 × 10

Pages: 312

Year: 2025

**About the Book:** Pharmaceutical, material used for repairing, changing, or treating organic processes as well as for illness diagnosis, treatment, or prevention. Pharmaceuticals are often categorised by chemical family, pharmacological activity, and therapeutic application. Alkaloids, such as quinine, nicotine, cocaine, atropine, and morphine, were the first pure medications made from natural chemicals (plants). Animal-derived medicines include hormone-containing glandular preparations from glands, such as the diabetes medication insulin. The requirement to fully utilise the available patent life of a specific molecule is a trait of the pharmaceutical industry. This leads in a limited window of opportunity to define and develop an appropriate method given the requirement for clinical testing. Pharmacology is the study of how chemicals interact with biological things. Drugs are chemical substances that can alter biological systems in some way through chemical interactions. Pharmaceutical services today are more patient-focused than drug-focused. This change to patient-centered care occurs at a time when healthcare is provided by a multidisciplinary team of healthcare professionals.



## Pharmaceutical Chemistry: Handbook

Yasuhiro Kodaera

ISBN: 9781835353431

HB

Price: £ 165.00

Size: 7 × 10

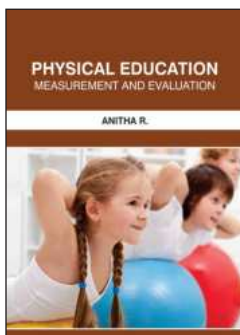
Pages: 338

Year: 2025

**About the Book:** The creation and synthesis of compounds having biological activity are the focus of pharmaceutical (medical) chemistry. The goal is to acquire new chemical molecules that could facilitate the discovery of novel medicines or optimise currently established drug structures, hence increasing the range of available chemical therapies. The field of medicinal chemistry, which deals with the design, chemical synthesis, and development of pharmaceutical agents or bio-active molecules (drugs), is situated at the nexus of chemistry, particularly synthetic organic chemistry, pharmacology, and various other biological specialties. Pharmaceutical chemistry is concerned with the quality of medications and works to ensure that they are fit for their intended usage. Most substances utilised as medications are organic, including biopolymers and tiny organic molecules. However, it has been discovered that inorganic and metal-containing substances can be used as medicines. Organic chemistry, biochemistry, computational chemistry, pharmacology, pharmacognosy, molecular biology, statistics, and physical chemistry are all combined in the extremely interdisciplinary field of medicinal chemistry. This book might be helpful for medical students in addition to pharmacy students and instructors.



# Physical Education & Sports



## Physical Education: Measurement and Evaluation

Anitha R.

ISBN: 9781835350195

HB

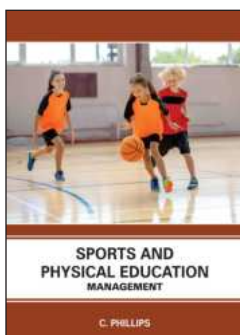
Price: £ 155.00

Size: 7 × 10

Pages: 288

Year: 2025

**About the Book:** Physical education is the process by which a person undergoes personal transformations as a result of life events. Physical education emphasises the education of the whole person via physical activities in addition to focusing on physical growth. Throughout the 20th century, methods for measuring physical activity and fitness in research intended to ascertain how these factors relate to health status and performance were created. There have been extensive articles written about the problems of getting precise and trustworthy measurements. Understanding the advantages and disadvantages of different approaches is crucial when developing studies to assess the impact of dietary supplements on physical performance and health or the interactions between supplements and exercise training. Sports, physical education, and physical activity all have an effect on a participant's or athlete's physical, social, psychological, or skill-related aspects. As a result, learning, performance, and training exercises must be measured, evaluated, and assessed using scientific and empirical methods. This book is provide useful guidance for those who are related to sports.



## Sports and Physical Education: Management

C. phillips

ISBN: 9781835350461

HB

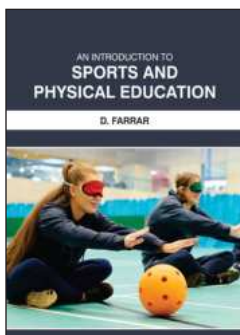
Price: £ 170.00

Size: 7 × 10

Pages: 344

Year: 2025

**About the Book:** The area of business that deals with sports and recreation is called sport management. Sports marketing, event management, facility management, sports economics, sport finance, and sports information are a few examples of sport managers. Another is the front office structure in professional sports. The sports and fitness facilities of today resemble the ancient gyms and stadiums of the past in decreasingly less ways. The standard of facilities must rise as competition among fitness centres, athletics, and recreation programmes grows. The author's amazing work in the areas of physical education, sports science, administration, and management is showcased in the current book, Management of Sports and Physical Education. It is specifically aimed at students in a variety of physical educational programmes. The book should be helpful for administrators, physical education and sports teachers, and students.



## An Introduction to Sports and Physical Education

D. Farrar

ISBN: 9781835350676

HB

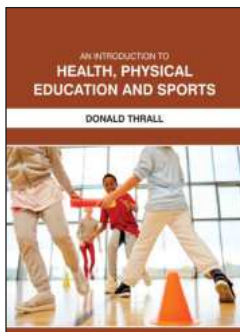
Price: £ 155.00

Size: 7 × 10

Pages: 362

Year: 2025

**About the Book:** Many believe that sports encourage the development of virtues like fair play, sportsmanship, submission to authority, hard effort, and a dedication to greatness. Because sport is a microcosm of society, it is to be expected that it will exhibit the same kinds of aberrant behaviour as the broader social structure. The culture of winning justifies the mentality of "win at all costs." This reality has long been made acceptable by industrialization and capitalism. An athlete's self-evaluation of ethics and morals will determine whether or not they deviate from accepted norms of conduct. "Sport and Physical Education: The Key Concepts" is a reference book on the disciplines, themes, issues, and theories of physical education and sports science that was written expressly for students of both. Entries on a variety of topics, including professionalism, history, exercise physiology, and education, provide a current viewpoint on how sport science is evolving. The present book is anticipated to be extremely beneficial for students of physical education, sports sciences, and other relevant courses.



## An Introduction to Health, Physical Education and Sports

Donald Thrall

ISBN: 9781835350850

HB

Price: £ 165.00

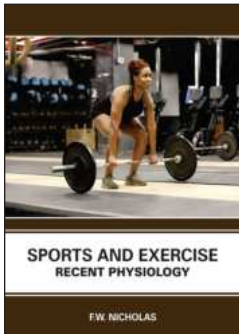
Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** The learning area for health and physical education focuses on taking steps to improve wellness. With a common conceptual framework and learning goals, it includes three distinct but linked subjects—health education, physical education, and home economics. Physical education is a process that makes use of physical activity to aid individuals in acquiring knowledge, skills, and attitudes that support their best possible growth and well-being. It contributes significantly to a person's growth in a similar way to how education in the classroom does. It is crucial to have high-quality scientific material and information on the various facets of physical education in order to have great physical education at all levels. The current book, which has been created as both a guide and a resource in physical education, is a step in the right direction. It will serve as a text for undergraduate physical education courses. It can be used as a resource by a range of people, including teachers, coaches, volunteers, and other professionals. The purpose of this book is to carefully compile the most significant physical administration-related writings from throughout history's greatest authorities.





## Sports and Exercise: Recent Physiology

**F.W. nicholas**

ISBN: 9781835351086 HB Price: £ 150.00 Size: 7 × 10 Pages: 312 Year: 2025

**About the Book:** Identification of the physiological mechanisms underlying physical activity, comprehensive treatment services for heart disease and other chronic diseases and/or disabilities, improvement of health and fitness, and human adaptability to short-term and long-term exercise are all included in the field of physiology. Athletes and other people with an interest in athletics, sports training, and human physiology can also benefit from professional advice and guidance. Physiology of Sport and Exercise, a textbook for undergraduate exercise physiology courses, has undergone a thorough upgrade in both content and presentation. Recent studies on the benefits of physical activity for health now include global statistics on the prevalence of obesity and cardiovascular disease. The most complete and finest resource for articulating the most recent research findings in an approachable manner is Physiology of Sport and Exercise.



## Therapy of Yoga

**Gary Studded**

ISBN: 9781835351208 HB Price: £ 155.00 Size: 7 × 10 Pages: 340 Year: 2025

**About the Book:** Yoga is a collection of physical, mental, and spiritual disciplines that have their roots in ancient India. Following Swami Vivekananda's popularity in the late 19th and early 20th centuries, yoga teachers from India later brought yoga to the west. Yoga gained popularity as a kind of physical exercise in the Western world in the 1980s. However, according to Indian traditions, yoga is more than just a form of exercise; it also has a meditative and spiritual component. The beautiful book "Yoga Therapy" is essential reading for everyone interested in learning about "Yoga Therapy" in order to better the world and improve their own dynamic health. Yoga aids in mental and body cleansing and control. One can acquire good health, happiness, and peace of mind without any medication by using yoga therapy.

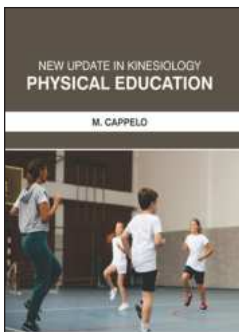


## Sports and Exercise Science: Basics

**Kenneth W.**

ISBN: 9781835351871 HB Price: £ 170.00 Size: 7 × 10 Pages: 292 Year: 2025

**About the Book:** Sports science, often known as sports and exercise science, is interested in how the human body works while exercising. It investigates how physical activity and sport affect the general health and functioning of the body. The field integrates a variety of disciplines, including exercise physiology, social psychology, anatomies, biokinetics, etc. The interdisciplinary area of exercise and sports sciences investigates the complex structure of human movement and how the body reacts to short- and long-term physical exertion, such as that involved in recreational activities, elite sports, and general fitness programmes. Exercise psychology, biomechanics, sport and exercise psychology, strength and conditioning, nutrition, athletic training, and injury prevention are just a few of the numerous fields that make up exercise science. The phrase "exercise" can indicate many different things, depending on the context. Exercise in a sporting context is the preparation, conditioning, or training done in relation to a certain athletic or sporting goal. Exercise can also be used to improve a person's overall health, physical fitness, or as physical therapy to supplement existing treatments for diseases or illnesses or to lessen their effects on the body. The field of sport and exercise science (SES) is immensely diverse and draws from a variety of academic fields, such as physiology, biochemistry, and psychology. This book is dedicated to educating its readers to assume leadership positions in a variety of sectors related to human health and management.

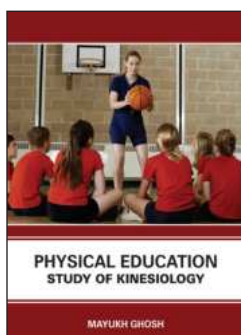


## New Update in Kinesiology: Physical Education

**M. cappello**

ISBN: 9781835352007 HB Price: £ 165.00 Size: 7 × 10 Pages: 332 Year: 2025

**About the Book:** This book explores physical education and kinesiology, emphasizing human movement and physical fitness science. It advocates a holistic well-being approach beyond sports, covering core principles and integrating biomechanics, anatomy, and physiology. Emphasizing the role of educators, it discusses effective teaching methods, inclusivity, and lifelong health benefits. Highlighting physical activity's impact on mental, emotional, and physical health, it promotes active lifestyles to prevent sedentary-related diseases. Overall, it encourages a cultural shift towards valuing movement and the benefits of physical activity.



## Physical Education: Study of Kinesiology

Mayukh ghosh

ISBN: 9781835352212

HB

Price: £ 150.00

Size: 7 × 10

Pages: 294

Year: 2025

**About the Book:** The study of muscles and the connection between muscle strength and health is known as applied kinesiology (AK). It has a manual muscle assessment and rehabilitation system. The foundation of AK is the idea that a particular type of muscle weakness always coexists with an organ malfunction. Muscle testing is used to identify diseases, which are subsequently treated. The scientific study of movement, known as kinesiology or biomechanics, is not the same as AK. The development of PhD programmes, a surge in academic writing and research, and the establishment of discipline-focused academies during the past 40 years have all contributed significantly to the current success of biomechanics. Although biomechanics coursework continues to play a significant academic role in the training of physical educators, the field's knowledge base has gradually expanded to include a variety of other occupational contexts, including engineering, physical therapy, occupational therapy, and athletic training. Physical education emphasises education of the whole person through physical activities in addition to focusing on physical development. Students have a fascinating opportunity to learn about the variety of physical education, exercise science, and sport, as well as the wide range of vocations that are available in these sectors, thanks to this book.



## Sports Injuries: Prevention and Treatment

Norio wada

ISBN: 9781835352458

HB

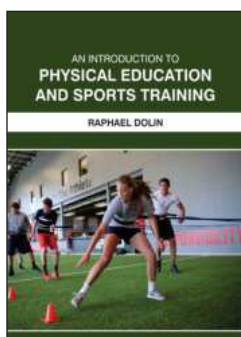
Price: £ 170.00

Size: 7 × 10

Pages: 378

Year: 2025

**About the Book:** Athletes can sustain injuries while competing in important sporting events. These kinds of injuries are frequently brought on by overusing a particular body component while engaging in a certain activity. For instance, runner's knee is a painful condition that is frequently linked to running. A hard collision with something can lead to other kinds of injuries. A broken bone, ruptured ligament, or torn tendon can frequently result from this. In professional sports, injuries are frequent, and most teams have a staff of athletic trainers and strong ties to the medical industry. All facets of sports injuries are covered in the current book, Prevention and Treatment of Sports Injuries. The book is organised clearly and is written in straightforward, everyday English. The book covers all the topics that form the basis for sports injury research as a process, a field of study, and a profession. The present book should be helpful for athletes, physical education and sports teachers, and students.



## An Introduction to Physical Education and Sports Training

Raphael Dolin

ISBN: 9781835352700

HB

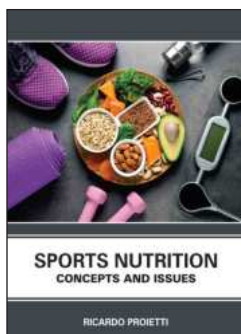
Price: £ 165.00

Size: 7 × 10

Pages: 326

Year: 2025

**About the Book:** Regardless of the perspective, the main focus of physical education is human movement integrating motor abilities in sports, games, gymnastics, dance, and fitness activities. Physical education can be seen of as a profession, discipline, or programme of activity. One of the most effective education media is created when human movement is mixed with the universal impulse of play. Understanding the consequences of physical education and athletic training is the main focus of this book. It defines the parts of physical education that are focused on these elements, more precisely defining physical education programmes. The book also featured a critical analysis of the problems, understanding the different nuances that are essential to a healthy and beneficial development of the physiological and psychological systems through physical exercise.



## Sports Nutrition: Concepts and Issues

Ricardo Proietti

ISBN: 9781835352731

HB

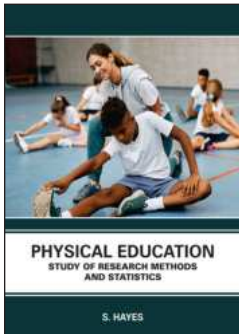
Price: £ 150.00

Size: 7 × 10

Pages: 316

Year: 2025

**About the Book:** Excellent nutrition is not just important; it can offer you the advantage to boost your endurance. By eating properly, which includes drinking enough liquids, you'll ensure that you provide a successful performance. This book will look at the components of a healthy diet and how eating well gives the body the necessary amounts of proteins, carbohydrates, fats, vitamins, minerals, and water. But different games have different requirements, like enhancing power or increasing vitality, so it's not enough to simply consume a balanced diet. The Book of Sports Nutrition examines these special requirements as well as the requirements specific to women and vegetarians. Liquid intake is essential for advancement in the world of branding, and the book also examines the value of hydration as well as the benefits and drawbacks of juices, caffeinated beverages, and smoothies. With the help of this book, you will learn how to translate the most recent nutritional research into personalised recommendations for what athletes should consume before and after practises and competitions. More importantly, you will understand why the competitor benefits from the proper nutrition.



## Physical Education: Study of Research Methods and Statistics

**S. Hayes**

ISBN: 9781835352809

HB

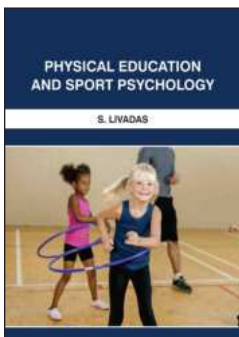
Price: £ 170.00

Size: 7 × 10

Pages: 362

Year: 2025

**About the Book:** Planning the daily schedule for each class is one of the most important issues that is frequently disregarded. Care should be taken when doing this. Although competent, experienced teachers can typically benefit by making a few brief notes or key words as they think through the next session, it is only the novice who needs to write out in detail the various parts of the lesson to be delivered. Research is a thorough, methodical, and objective inquiry done to gather reliable information, make judgements, and develop rules regarding a known issue in a particular field of knowledge. The current book covers every facet of research methods in the area of physical education and sports sciences. The present book is hoped to be helpful for a variety of TEER Contents, including students, teachers of physical education and sports, laypersons, researchers, aspiring coaches, etc.



## Physical Education and Sport Psychology

**S. Livadas**

ISBN: 9781835352830

HB

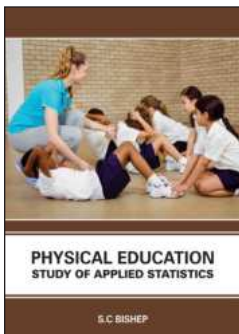
Price: £ 160.00

Size: 7 × 10

Pages: 352

Year: 2025

**About the Book:** The information in this book, Psychology in Physical Education and Sport, is aimed squarely at individuals who work in the sports and physical education industries, particularly coaches, athletes, teachers, and physical education students. The current book is ideally suited as a text for courses in coaching psychology and sport psychology. The book will be an important resource for those who practise coaches and sport psychologists who were unable to receive such training during their own academic schooling. The entire book is divided into nine in-depth chapters that each contains relevant information about sport psychology. The current study should be highly beneficial to physical educators, aspiring coaches, students and teachers of physical education, and athletes.



## Physical Education: Study of Applied Statistics

**S.C. bishep**

ISBN: 9781835352878

HB

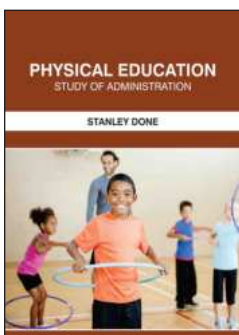
Price: £ 155.00

Size: 7 × 10

Pages: 296

Year: 2025

**About the Book:** The study of statistics, contrary to appearances, is as old as human society itself. Despite its fairly limited range of application, it has been employed from the beginning of life on this planet. Although this is the most prevalent usage of the word "physical education," it indicates that the person has engaged in the activity rather than studied it. Physical education (PE) is the interdisciplinary study of all scientific fields concerned with imparting physical knowledge and abilities to an individual or a community, including their application and outcomes. Based on the demands of the period and area, physical education's main goals have changed over time. However, readers of Tests and Measurements in Physical Education will find that it departs from past studies in a number of ways. The text has undergone the most significant changes, and well over half of the material has been newly created just for this version. The author has made an effort to reflect some of the significant changes in the field of physical education and sport in this new content. One form of educational growth is research. It broadens in a variety of areas, including social, physical, academic, and scientific ones. The researcher uses both traditional and newly developed methods to reach a clear conclusion about the study activity. This book's selection of topics and inclusion of the fundamental and basic information on the subject make it suitable for its readers.



## Physical Education: Study of Administration

**Stanley done**

ISBN: 9781835353035

HB

Price: £ 165.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** The method of bringing about changes in an individual through movement experiences is known as physical education. Physical education emphasises education of the whole person through physical activities in addition to focusing on physical development. It's critical to place the proper people in the appropriate positions in sports administration, just like it is in all other areas of business. In the past, it has happened far too frequently in volunteer sports organisations, for instance, that the treasurer was automatically appointed because they were a local accountant or that the secretary was the member of the assembled AGM who was the least reluctant, and the committee was chosen by those who were too slow to remove their hands from the previous vote. If advancements are to be made in the club, local, and national levels of sport planning and development, this kind of ad hoc appointment needs to be resisted. Any programme for physical education must excel in its administration in order to be successful. The key components of managing physical education include methodical programme organisation, effective personnel selection, excellent financial management, high staff morale, and positive public relations. The modern school system places a high value on physical education. Without a healthy body, development cannot be completed. Additionally crucial from a national social perspective are health and physical education. The goal of national development cannot be directed at our kids until this issue of health and physical education is effectively addressed. All facets of organisation and administration in physical education and sports are covered in the current book, Organisation and Administration in Physical Education. This book is appropriate for students since it contains the fundamental and background knowledge of the subject and because of the selection of contents.

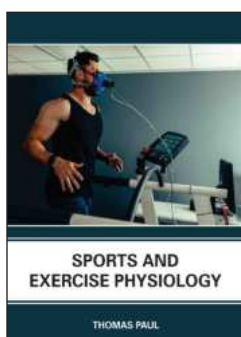


## Fitness, Training and Injuries of Sports Medicine

T. Brusseau

ISBN: 9781835353073 HB Price: £ 160.00 Size: 7 × 10 Pages: 370 Year: 2025

**About the Book:** Sports medicine is a broad term that refers to a variety of occupations. Instead, it includes a team of experts from many fields whose primary concern is an athlete's health. Athletes come at all ages and compete at all levels. An individual who wants to specialise in orthopaedic sports medicine must complete four years of medical school. After completing their undergraduate studies, students continue their study with a five-year orthopaedics residency. An additional two to four years of education are needed to sub-specialize, which is the case for orthopaedic sports medicine. This book offers an accessible introduction to sports science and the management of sports injuries. It is written for trainees and experts in sports medicine and allied fields as well as students of sports science and medicine. Along with the history and fundamentals of sports medicine, the book discusses the clinical care of both acute and chronic medical conditions and sports-related injuries. Students of physical education, sports sciences, and other related disciplines should find the current book useful.



## Sports and Exercise Physiology

Thomas Paul

ISBN: 9781835353172 HB Price: £ 160.00 Size: 7 × 10 Pages: 310 Year: 2025

**About the Book:** The physiology of physical exercise is known as exercise physiology. It is the investigation of both short-term and long-term adaptations to a variety of exercise circumstances. Exercise physiologists research how exercise affects pathology as well as the mechanisms that slow or stop the progression of disease. The study of the mechanical, physical, and biochemical processes that occur in healthy human tissues or organs is known as human physiology. The organ and system level is where physiology primarily focuses its attention. Most parts of human physiology are quite similar to equivalent components of animal physiology, and a large portion of the physiological knowledge base was built on animal experiments. Since human physiology is one of the foundational fields of medical study, it is frequently used in clinical practise. Supporting the body is bone's most obvious purpose. Additionally, the production of blood cells, known as haematopoiesis, occurs in the bone marrow, which is why the disease of bone marrow malignancy is frequently fatal. Additionally, protecting essential organs requires it. Skeletal muscles, which are connected to the bones via tendons, are what allow vertebrates to move. The book is written in straightforward, everyday English with consideration for the students of physical education and sports and their level of language proficiency.

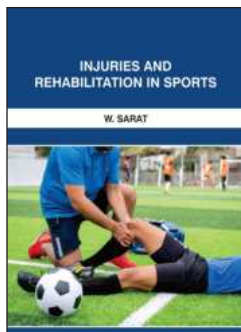


## Fitness and Training in Sports

W. Kohl

ISBN: 9781835353288 HB Price: £ 165.00 Size: 7 × 10 Pages: 358 Year: 2025

**About the Book:** Sports fitness training focuses on creating the physical framework necessary to enhance athletic ability and performance. Sport-specific training programmes can help to increase strength, flexibility, and endurance to improve performance. Options include improving core stability and strength to improve balance when playing golf or building up arm strength when playing tennis. Thanks in large part to the significant advancements in sports training. Today's sportsmen are shattering records that many people formerly believed to be unbreakable. To enhance athletic performance and conditioning, one must adhere to a number of well acknowledged scientific training concepts. Every athlete is unique, and consequently, so will be how they respond to exercise. The best knowledge and understanding of sports fitness training are provided in this book. It includes descriptions of contemporary techniques with practise exercises. The cutting-edge training guidelines provided in this book will pave the way for the development of sports strength and conditioning in the future. Anyone wishing to train for a sport or even for general conditioning will find it to be very helpful. This comprehensive training manual with illustrations serves as a substitute for a personal coach, fitness instructor, and sports medicine physician.



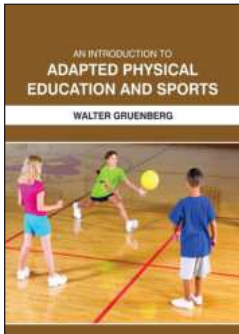
## Injuries and Rehabilitation in Sports

W. Sarat

ISBN: 9781835353301 HB Price: £ 150.00 Size: 7 × 10 Pages: 378 Year: 2025

**About the Book:** Every physical activity teaches us something new, improves our fitness levels, boosts our self-esteem, and recharges us so we can live happy lives. On the other hand, participating in sports and games can result in injuries. The injury could be slight, serious, career-ending, or even life-threatening in extreme cases. An athlete may get an injury at any time, including during a major tournament, routine practise sessions, or off-season training. The general public's interest in fitness and sports has led to an increase in sports injuries both in organised or varsity athletics and in general. In the current study, injuries to the foot and ankle, knee, hip flexors, hip joints, shoulders, head, forearm muscles, wrist joints, arm muscles, elbow joints, pelvis, and other key sports are all examined. All facets of sports injuries are highlighted in the current book, Sports Injuries and Rehabilitation. The book is organised clearly and written in straightforward spoken English. We hope that this book will be helpful to physicians, physiotherapists, athletes, students, instructors, and general readers alike.





## An Introduction to Adapted Physical Education and Sports

Walter Gruenberg

ISBN: 9781835353318

HB

Price: £ 155.00

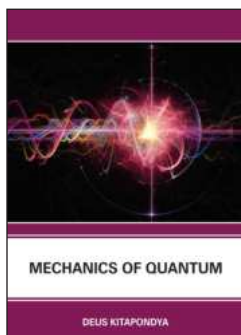
Size: 7 × 10

Pages: 336

Year: 2025

**About the Book:** Physical education is a subject taught in schools. It is often referred to as gym, PE, or Phys Ed. It emphasises psychomotor learning in a play or movement exploration setting and is taught in elementary and secondary education with the goal of promoting health and physical fitness. Young people's holistic development depends on physical activity, which supports their physical, social, and emotional well-being. Sport has advantages beyond its positive effects on physical health, and its educational advantages are important and shouldn't be undervalued. Sport and physical education are essential to children and youth's early development, and the lessons taught via play, physical education, and sport help young people develop holistically. Young people learn through engagement in sport and physical education. Adding this element of joy to the academic focus of schools is one of physical education's key goals. The goal of physical education is to give kids time each day to engage in some form of physical activity. Sports science, often known as sports and exercise science, is interested in how the human body works while exercising. It investigates how exercise and sports affect the body's general health and functionality. Anatomy, biokinetics, sport psychology, exercise physiology, and other fields are all integrated in this field. The book is meant to serve as a constant companion and guide for people with disabilities, their teachers, and ordinary readers.





## Mechanics of Quantum

**Deus kitapondya**

ISBN: 9781835350003

HB

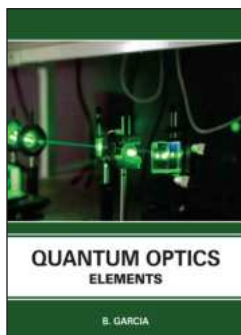
Price: £ 150.00

Size: 7 × 10

Pages: 332

Year: 2025

**About the Book:** The field of physics known as quantum mechanics (QM) is comparatively recent and was created by a group of scientists at the turn of the 20th century. Up until that point, all known physical phenomena could be categorised according to the equations of classical physics as either waves or particles. The discovery of novel phenomena, such as the photoelectric effect, sparked the creation of new physics and completely altered the way we perceive the world. Understanding how different atoms combine to make compounds relies on quantum mechanics. It offers a quantitative method to understanding chemical bonding processes by outlining specifically which molecules are more energetically advantageous than others and by how much. A physical science known as quantum mechanics studies the behaviour of matter and energy at the size of atoms and subatomic particles and waves. It is the main research tool in structural biology and the foundation of many related fields, including as condensed matter physics, quantum chemistry, and particle physics. Quantum physics has a significant influence on the development of nanotechnology and electronics within the subject of engineering. This book aims to provide thorough study of the key facets of quantum mechanics.



## Quantum Optics: Elements

**B. Garcia**

ISBN: 9781835350249

HB

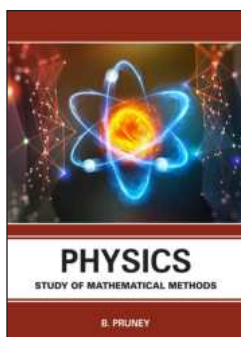
Price: £ 155.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** The fundamental concepts required to comprehend quantum optics and conduct quantum optics research are thoroughly covered in this book. It offers a wide range of theoretical tools and significant findings for two-level and semiconductor media, many of which were previously only available in specialised monographs or the original literature. The book demonstrates how many things that at first glance seem unrelated are actually closely related. The book "Quantum Optics" was designed to satisfy the educational requirements for graduate and undergraduate students. The topic has been covered in such a straightforward manner that students won't have any trouble understanding it. The majority of the examples used in the book were taken from a variety of university examination questions, and it covers the syllabus.



## Physics: Study of Mathematical Methods

**B. pruney**

ISBN: 9781835350263

HB

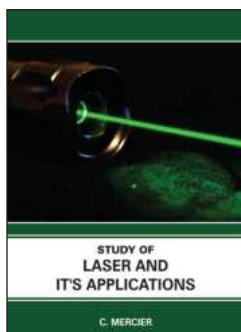
Price: £ 165.00

Size: 7 × 10

Pages: 348

Year: 2025

**About the Book:** The intersection of mathematics and physics is the focus of the important study known as mathematical physics. Mathematical physics has multiple unique subfields, and these largely matched up with various historical eras. Physics and mathematics have a long history of productive interaction. Physics has consistently produced intriguing mathematical puzzles, and the solutions to these puzzles have called for the development of new mathematical concepts. On the other hand, developments in mathematics have found astounding and surprising applications in physics. You could think of mathematics as a language of logical relationships built around the idea or definition of one. We can rationally define two, three, and other units of what we call numbers from this one. This book is intended to serve in part as a textbook and resource for the undergraduate Engineering Physics course offered at engineering colleges around the nation. The book also serves as a reference guide for scientists conducting theoretical physics and signal processing research.



## Study of Laser and It's Applications

**C. Mercier**

ISBN: 9781835350447

HB

Price: £ 160.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** A laser is a device that produces light using an optical amplification technique based on the electromagnetic radiation's stimulated emission. "Light amplification by stimulated emission of radiation" is where the term "laser" first appeared. A strong foundation in the fundamental ideas controlling the field of optics is provided through laser applications. The B.E., B.Tech, and M.Tech. students will find this reference book helpful. The goal of the current book is to approach the topic of laser as an introductory course. Femtosecond Laser Spectroscopy is currently a growing field in many branches of study, including physics, chemistry, biology, and materials science, thanks to recent significant advancements in ultrafast laser technology and femtosecond nonlinear spectroscopy techniques. Additionally, efforts have been made to include the frontline areas of subjects. The advancement of laser technology and its numerous uses in communications, radiation, medicine, holography, etc. have received the attention they deserve.



## Mechanics of Statistics

**D. callcoti**

ISBN: 9781835350669

HB

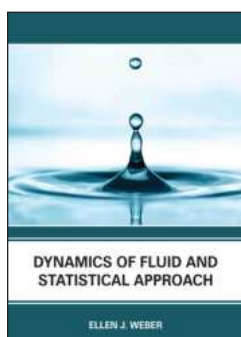
Price: £ 150.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** Statistical mechanics is the application of statistics, which includes mathematical techniques for handling huge populations, to the study of motion of objects or particles under the influence of forces. The kinetic theory of matter makes an effort to relate the macroscopic behaviour of material objects' atomic and molecular constituents to the microscopic behaviour of those same constituents as described by Newton's laws of mechanics. Physics' discipline of thermodynamics examines a system's energy and work. The kinetic theory of gases describes small scale gas interactions. The two approaches are complementary; some principles are better understood in terms of thermodynamics, while others are better explained by kinetic theory. In its early stages, the development of probability theory was more influenced by intuition than by mathematical principles. A. N. Kolmogorov gave probability theory an axiomatic foundation in 1933, and it is today the model that is widely accepted. The goal of this statistical mechanics is to explain this behaviour using probabilistic assumptions and the dynamical principles that control the microscopic components of macroscopic systems.



## Dynamics of Fluid and Statistical Approach

**Ellen J. Weber**

ISBN: 9781835351000

HB

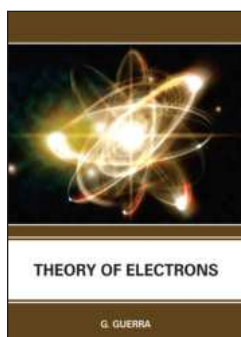
Price: £ 160.00

Size: 7 × 10

Pages: 372

Year: 2025

**About the Book:** This book is one of fluid mechanics' two components. While fluid dynamics investigates fluids in motion, fluid statics deals with fluids that are at rest. In this chapter, fluid statics is covered. A fluid under no shear force is at rest. Therefore, any force that is created is solely a result of pressure and other common stressors. The hydrostatic state is the name given to such a situation. When compared to the analysis of fluids in motion, hydrostatic systems are actually much simpler to understand. The branch of fluid mechanics known as fluid dynamics studies the motion of fluids (liquids and gases). Its own subfields include aerodynamics, which is the study of gases in motion, and hydrodynamics, which is the study of liquids in motion. There are several uses for fluid dynamics, including computing forces and moments on aircraft. Newton's equation for shear stress serves as the basis for shear stresses in laminar flows. Researchers and graduate physics and chemistry students interested in the statistical physics of fluids are the target audience for the book.



## Theory of Electrons

**G. Guerra**

ISBN: 9781835351123

HB

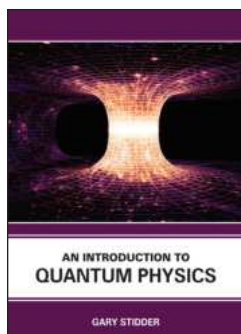
Price: £ 165.00

Size: 7 × 10

Pages: 304

Year: 2025

**About the Book:** Since antiquity, electrical phenomena have been explored, but until the seventeenth and eighteenth century, theoretical knowledge of these phenomena remained sluggish. Even then, there weren't many practical uses for electricity, and it wouldn't be until the late nineteenth century that electrical engineers could put it to use in homes and businesses. Electrical technology was rapidly developing during this period, transforming society and industry and serving as a catalyst for the Second Industrial Revolution. Due to electricity's exceptional adaptability, it may be used for a virtually infinite number of purposes, including transportation, heating, lighting, communications, and computation. Modern industrial society is now supported by electricity. After reading this book, you ought to be able to explain the fundamentals of electron movement, static electricity and discuss basic electrical concepts.



## An Introduction to Quantum Physics

**Gary stidder**

ISBN: 9781835351192

HB

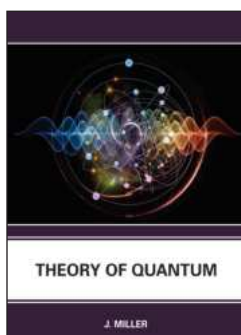
Price: £ 150.00

Size: 7 × 10

Pages: 344

Year: 2025

**About the Book:** To explain the characteristics of solids, atoms, nuclei, and light, quantum physics is required. Quantum concepts reflect a fundamental shift in how people interpret nature, in addition to serving as the foundation for our comprehension of natural phenomena. The area of physics is known as quantum physics use the quantum theory to explain and forecast the characteristics of physical systems. A fundamental area of physics known as quantum mechanics replaces classical mechanics and electromagnetism at the atomic and subatomic scales and has numerous applications in theoretical and experimental physics. Experimentally, quantum mechanical predictions have been extremely accurately confirmed. Therefore, according to the present correspondence principle between classical and quantum mechanics, classical mechanics is only a quantum physics of big systems and all objects obey the principles of quantum mechanics. The fundamental ideas and applications of quantum mechanics are covered in the book, ranging from many-body systems to uncertainty relations. Readers in general, educators, and students can all benefit greatly from the book.



## Theory of Quantum

J. Miller

ISBN: 9781835351468 HB Price: £ 155.00 Size: 7 × 10 Pages: 350 Year: 2025

**About the Book:** Since Newton, quantum theory has been the greatest ground-breaking advancement in physics. The surprising and paradoxical concepts that influence our understanding of the subatomic world are described in this book in a way that is lucid, engaging, and easy to understand. Since there are so many fundamental discrepancies between quantum theory and classical physics, many physicists have been tempted to disregard classical physics' concepts as being completely useless for understanding atomic physics and have instead tried to incorporate arbitrarily created, novel, unconventional concepts.. The quantity of energy radiated at different frequencies increased from zero at one end of the spectrum to a peak at a frequency related to if black-body radiation was diffused throughout a spectrum. This paper has two objectives. In order to analyse the likelihood of such a link, it is first necessary to describe and demonstrate some of the fundamental concepts involved, focusing on the viewpoint of theoretical physics. A possible application of the concept of coherence is used to illustrate how the new quantum approach to consciousness, which is based on the consistent histories interpretation of quantum theory, resolves the issues that have plagued earlier quantum approaches. The book will be quite helpful to readers in general as well as students, teachers, academics, and physicists.

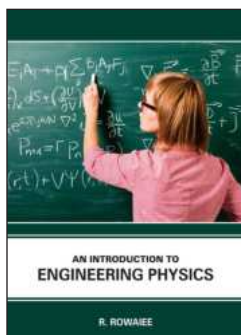


## An Introduction to Electromotive Forces

Nikola B.

ISBN: 9781835352427 HB Price: £ 155.00 Size: 7 × 10 Pages: 296 Year: 2025

**About the Book:** In this context, "force" refers to potential energy per unit of charge, measured in volts, rather than mechanical force, which is measured in newtons. The electromagnetic work that would be done on a charge if it travelled once around a closed loop is known as the Electromotive force (emf) in electromagnetic induction. Due to the circulating electric vector field, the electric potential scalar field for a time-varying magnetic flux linking a loop is not specified, but an emf still exists and can be measured as a virtual electric potential around that loop. The amount of electric energy per Coulomb of positive charge as the charge is the electromotive force EMF of a source of electric potential energy. This work has been chosen by academics as having cultural significance and is a foundational piece of civilization as we know it. The author thinks that this book is significant enough to warrant preservation, replication, and public accessibility. Thank you for contributing significantly to preserving this knowledge and for your support of the preservation effort.

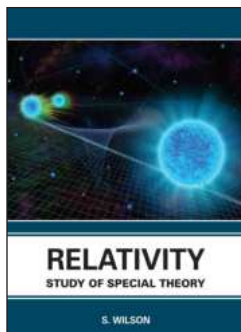


## An Introduction to Engineering Physics

R. Rowaiee

ISBN: 9781835352656 HB Price: £ 150.00 Size: 7 × 10 Pages: 386 Year: 2025

**About the Book:** The current title "Engineering Physics" offers all engineering undergrads a wide range of widely acknowledged opinions, truths, and theories that will serve as a beneficial resource for academics, researchers, and professionals in related subjects. The study of physics, mathematics, and engineering, particularly computer, nuclear, electrical, electronic, materials, or mechanical engineering, is referred to as engineering physics or engineering science. Degrees in engineering physics or engineering science are prestigious academic awards given in various nations. Due to the demanding nature of the material, it can be taught at the undergraduate level and is frequently created as an honours programme at several universities. The most general definition of physics is the study of all aspects of nature, both on a macroscopic and microscopic scale. The creation of a few broad principles that unite and explain all of these different occurrences is its ultimate goal. To make the subject matter in this book appealing to the students, it has been introduced in a very transparent manner. Everywhere in the text, there are several illustrative examples of different kinds.



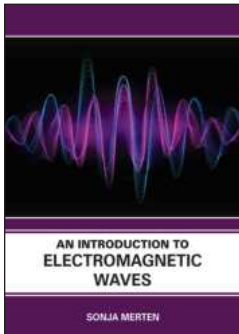
## Relativity: Study of Special Theory

S. Wilson

ISBN: 9781835352854 HB Price: £ 170.00 Size: 7 × 10 Pages: 364 Year: 2025

**About the Book:** A theory called special relativity describes the characteristics of stuff moving at speeds close to the speed of light. Albert Einstein created it, and it was released in 1905. Ordinary Newtonian physics is fairly accurate in describing motion at speeds that are low compared to the speed of light, but it fails at very high speeds. For all speeds, special relativity is valid. The most beautiful physical theory ever created is relativity. It provides clear predictions that have been spectacularly confirmed by experiment and describes one of the most prevalent aspects of the universe we experience: gravity, in terms of an elegant mathematical structure known as the differential geometry of curved spacetime. Einstein proposed two postulates in the first section of his 1905 paper, which serve as the foundation for his special theory of relativity. The relativity principle comes first. The only thing that such an experiment can really show is motion relative to another frame; nonetheless, it cannot support the claim that one is truly at rest while the other is in motion. Postgraduates, undergraduates, secondary students, physics researchers, professionals, and anybody else interested in science should find this book important.





## An Introduction to Electromagnetic Waves

Sonja Merten

ISBN: 9781835353011

HB

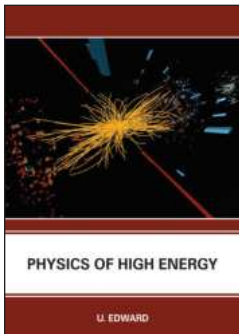
Price: £ 155.00

Size:  $7 \times 10$

Pages: 348

Year: 2025

**About the Book:** The oscillations between an electric field and a magnetic field produce waves known as electromagnetic waves, or EM waves. In other words, magnetic and electric fields oscillate to form electromagnetic (EM) waves. These two are sometimes referred to as the sources of the field since they produce the magnetic field with moving charges (currents) and the electric field with stationary charges, respectively. The Lorentz force law and Maxwell's equations both describe how charges and currents interact with the electromagnetic field. The electromagnetic field can be viewed from a classical perspective as a smooth, continuous field that spreads in a wavelike fashion, while from the perspective of quantum field theory, the field is seen as quantised and made up of individual particles. This book takes a basic approach by outlining theoretical ideas and providing several examples that have been worked out to illustrate them. Vector calculus, the crucial mathematical tool for analysis in electromagnetic theory, is reviewed before the discussions get started.



## Physics of High Energy

U. Edward

ISBN: 9781835353219

HB

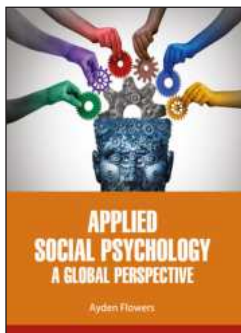
Price: £ 155.00

Size:  $7 \times 10$

Pages: 316

Year: 2025

**About the Book:** The area of physics known as particle physics (sometimes known as high energy physics) investigates the characteristics of the particles that make up matter and radiation. Although the term "particle" can apply to many different kinds of incredibly small objects, "particle physics" often focuses on the fundamental interactions that must exist between the tiniest measurable particles in order to fully understand their behaviour. These fundamental particles are, as far as we currently understand them, excitations of the quantum fields that also control their interactions. The Standard Model is the currently preferred theory for describing these fundamental fields and particles, as well as their behaviour. The Standard Model and its many potential extensions, such as those to the newest "known" particle, the Higgs boson, or even to the oldest force field, gravity, are thus the focus of present particle physics research. This book will prepare a beginning to work in the field and at the same time will also serve as helpful reference material for active researchers. It was written in a straightforward pedagogic language by active researchers.



## Applied Social Psychology: A Global Perspective

Ayden Flowers

ISBN: 9781835357156

HB

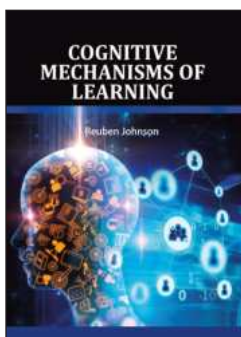
Price: £ 170.00

Size: 7 × 10

Pages: 272

Year: 2025

**About the Book:** Applied social psychology uses theories, research findings, and experimental methods to address social issues and provide real-world solutions. It focuses on understanding and changing human behavior as the root cause of social problems, examining thoughts, feelings, and behaviors influenced by social factors. Applied social psychologists aim to improve social behaviors in areas like workplace productivity and safer sexual practices through practical recommendations. They work in academia, private foundations, corporations, and government, evaluating programs, advising on policies, and advocating for social change. This book introduces applied social psychology, emphasizing its role in various domains such as education, health, and sports, within the broader context of social psychology.



## Cognitive Mechanisms of Learning

Reuben Johnson

ISBN: 9781835357644

HB

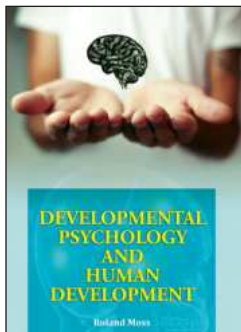
Price: £ 155.00

Size: 7 × 10

Pages: 292

Year: 2025

**About the Book:** Cognitive psychology studies how the human brain processes perception, learning, memory, thinking, emotion, and consciousness across micro, meso, and macro scales. Perception involves how people perceive and interpret objective stimuli, while sensation reflects direct brain responses to sensory input. This field explores internal mental processes like attention, problem-solving, and language, contributing to a deeper understanding of brain function and aiding in psychological interventions. By recognizing attention as a selective and limited resource, psychologists develop strategies to enhance focus and concentration in individuals with attentional difficulties. This book focuses on conceptual frameworks where cognitive systems manipulate symbols, structured by networks of relationships to explain complex behaviors.



## Developmental Psychology and Human Development

Roland Moss

ISBN: 9781835357668

HB

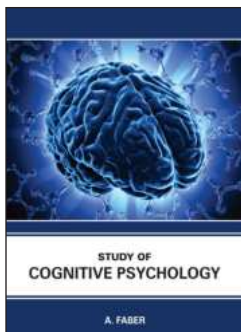
Price: £ 170.00

Size: 7 × 10

Pages: 270

Year: 2025

**About the Book:** Developmental psychology explores human growth and changes throughout life, covering physical, cognitive, social, emotional, perceptual, personality, and intellectual development. Originally focused on infants and children, the field now includes adolescence, adulthood, aging, and the entire lifespan. Developmental psychologists study how thoughts, feelings, and behaviors evolve across three main dimensions: physical, cognitive, and social-emotional. Topics include motor skills, language acquisition, moral understanding, personality, and identity formation. Understanding normative development helps identify potential issues early for better outcomes. Developmental psychologists work with all age groups to support growth, addressing challenges and fostering development. Developmental science examines changes and stability across psychological and social domains, crucial for understanding human learning, maturation, and adaptation.



## Study of Cognitive Psychology

A. Faber

ISBN: 9781835350058

HB

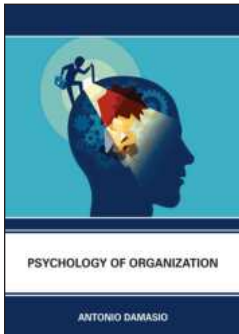
Price: £ 150.00

Size: 7 × 10

Pages: 318

Year: 2025

**About the Book:** A branch of psychology known as cognitive psychology examines all aspects of perception, memory, and thought. The scientific study of the thinking mind that encompasses the full spectrum of psychological processes is known as cognitive psychology. The study of how the mind processes information is known as cognitive psychology. The information processing that takes place in people's minds, including perception, attention, language, memory, thinking, and consciousness, is the focus of cognitive psychology. Cognitive psychologists study the internal workings of the mind, including memory, perception, learning, and language. They are interested in how people comprehend, identify, and solve issues as well as how they make judgements. According to cognitive psychology, there is a process of mediation between stimulus/input and response/output. This book is intended for all college students studying psychology. It is hoped that the information in this book will help you understand many facets of cognition and get ready to understand new ideas as they emerge. A thorough understanding of cognitive psychology has been attempted, including some of its several diverse components.



## Psychology of Organization

**Antonio Damasio**

ISBN: 9781835350225

HB

Price: £ 150.00

Size: 7 × 10

Pages: 344

Year: 2025

**About the Book:** The objective investigation of how people behave in groups and at work defines the field of industrial-organizational psychology. The focus of the speciality is on developing general rules of individual, group, and organisational behaviour and using them to solve issues at work. The theoretical underpinnings, an extensive assessment of the literature, and numerous application exercises on all of the important subjects in industrial/organizational psychology are presented in this book. The book's major goal is to assist students in gaining knowledge and abilities that they may use in organisations when they start their professional careers. The book is current in terms of the mentioned sources and suggested readings, and it includes all of the most recent studies in this field. The audience for this book is psychology and management students at the undergraduate and graduate levels. Researchers, professionals, and academics in Psychology will also find it helpful.



## Psychology of Clinics

**Bruce D.**

ISBN: 9781835350386

HB

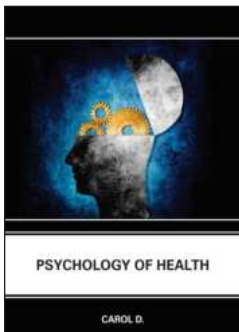
Price: £ 155.00

Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** We learn all of our habits by imitating them in our surroundings. Therefore, by altering the learning environment through a variety of psychological and pedagogical strategies, they can be changed or modified. This book is about Clinical Psychology from a View. As the title suggests, the book discusses mental retardation and behaviour issues, two significant areas of clinical psychology and psychology in general. The author's original research project, Clinical Psychology, is a ground-breaking effort in the field of treating people with a variety of psychological illnesses. Researchers, practitioners, and students in the fields of psychology, psychiatry, and other behavioural sciences can greatly benefit from this well-researched study.



## Psychology of Health

**Carol D.**

ISBN: 9781835350515

HB

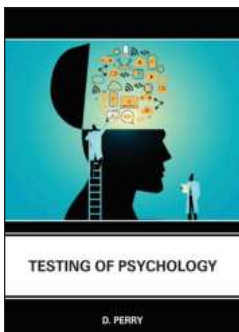
Price: £ 150.00

Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** The study of psychological and behavioural processes in health, illness, and healthcare is known as health psychology. Its focus is on comprehending the roles that cultural, behavioural, and psychological factors play in physical health and illness. Direct psychological influences on health are possible. Understanding how biology, behaviour, and social context affect health and illness is at the heart of health psychology. Health psychologists do research, teach in universities, work on behaviour modification in public health promotion, and collaborate with other medical professionals in clinical settings. For instance, cumulative effects of environmental stressors influencing the hypothalamic-pituitary-adrenal axis can be detrimental to health. The improvement of terminally ill patients' lives is another focus of health psychology. The provision of therapy treatments for the bereaved is another area of interest for health psychologists. Students and researchers will find the book's theoretical and conceptual contributions to the field of health highly useful, while the concepts and research problems it presents will undoubtedly spur scientists to perform heuristic functions.



## Testing of Psychology

**D. perry**

ISBN: 9781835350690

HB

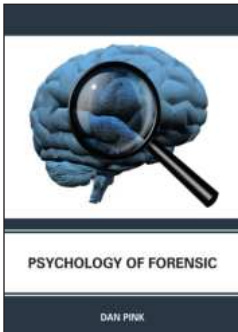
Price: £ 165.00

Size: 7 × 10

Pages: 334

Year: 2025

**About the Book:** Post-World War II saw the development of psychological testing. Kline designed features with students in mind, consistently emphasising the application of theoretical principles in the real world. An explanation of the fundamentals of psychological testing and how it is used in common educational, clinical, and business settings. Psychological Testing was created in response to the growing demand for a reference work on psychological testing that supports student learning. It offers readers a concise and approachable overview of the subject. This book explains the fundamental ideas, problems, and techniques which are used in psychological testing to students and shows how they are applicable in regular educational, professional, and therapeutic settings. This book goes into great detail to showcase all of these features.



## Psychology of Forensic

Dan pink

ISBN: 9781835350720 HB Price: £ 155.00 Size: 7 × 10 Pages: 290 Year: 2025

**About the Book:** The practise of applying psychology as a science and a profession to problems and matters involving the law and the judicial system is known as forensic psychology. Today, the term "forensic" describes the application of scientific theories, methods, and procedures to the adversarial process, wherein particularly skilled scientists play a part. The area where psychology and the criminal justice system meet is known as forensic psychology. In order to deal correctly with judges, lawyers, and other legal professionals, it requires knowledge of criminal law in the relevant jurisdictions. It is not without controversy that forensic psychology is expanding. Some claim that forensic psychologists are hired guns who can be paid to repeat a particular viewpoint. The scientific review of psychological data is becoming more intense as a result of recent court decisions. The forensic psychologist who worked must also be familiar with the principles, regulations, and standards of the legal system in order to be a credible witness. There are regulations governing hearsay evidence as well, but the exclusionary rule is the most significant. This book offers profound insight into many aspects of the challenges surrounding the topic.

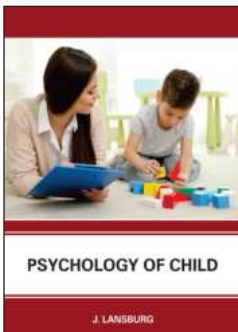


## Ethical Issues of Psychological Development

Dr. burg

ISBN: 9781835350898 HB Price: £ 160.00 Size: 7 × 10 Pages: 324 Year: 2025

**About the Book:** The scientific study of psychological development focuses on how and why people evolve throughout their lives. The field, which was first focused on newborns and young children, has now broadened to cover puberty, adult development, ageing, and the full lifetime. Physical development, cognitive development, and socio-emotional development are the three main areas of change that are examined in this field. A wide range of themes, such as motor skills, executive functions, moral understanding, language acquisition, social transformation, personality, emotional development, self-concept, and identity formation, fall under these three categories. To offer the topic a more thorough treatment, the discussion and analysis in this book have been restricted to the physiological and psychological domains. It is hoped that more teachers and academics would embrace the book. Researchers, scholars, and students in the subjects of psychology, sociology, child development, family studies, and other relevant professions will find the book interesting.

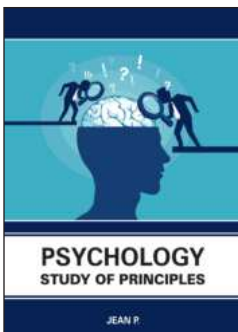


## Psychology of Child

J. lansburg

ISBN: 9781835351444 HB Price: £ 170.00 Size: 7 × 10 Pages: 318 Year: 2025

**About the Book:** One of psychology's many subfields and one of the subject areas that is most commonly researched is child psychology. This particular field is concerned with how children think and behave from conception through puberty. Child psychology examines not only a child's physical development but also their mental, emotional, and social growth. What part do child psychologists play in assisting kids and how are kids' lives changing? Child psychology is a broad field that studies how people develop from birth through adolescence and tries to explain why these significant changes take place. For example, are 3-year-olds, 7-year-olds, and teenagers different from one another simply because of their experiences with the outside world, or are they different due to biological changes within the individual? One of psychology's many subfields and one of the subject areas that is most commonly researched is child psychology. This particular field is concerned with how children think and behave from conception through puberty. The study of child psychology will surely be beneficial to both students and instructors. It is a great way for ordinary readers to learn about common children's issues and practical remedies.



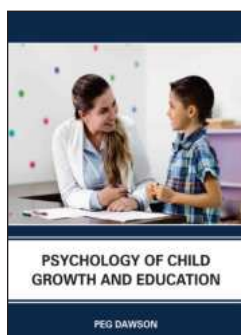
## Psychology: Study of Principles

Jean p.

ISBN: 9781835351598 HB Price: £ 155.00 Size: 7 × 10 Pages: 318 Year: 2025

**About the Book:** In addition to being frequently used to diagnose and treat mental health issues, psychological knowledge also aims to comprehend and address issues in a variety of human endeavours. According to many views, psychology eventually serves society. Most psychologists work in clinical, counselling, or educational settings and play some sort of therapeutic function. Many work in university psychology departments or teach in other academic settings, conducting scientific study on a variety of subjects relating to mental processes and behaviour. Some work in business and industrial contexts, or in fields including human growth and ageing, sports, medicine, and the media, in addition to forensics and other legal specialties. The text "Principles of Psychology" was specifically developed in accordance with the course syllabus. The text of this book has been prepared in a unique and thorough manner, and it has been explained in a straightforward manner so that students will have no trouble understanding and learning about it. The author will be appreciative to readers who point out errors and omissions that suggest more care should have been taken.





## Psychology of Child Growth and Education

**Peg Dawson**

ISBN: 9781835352571

HB

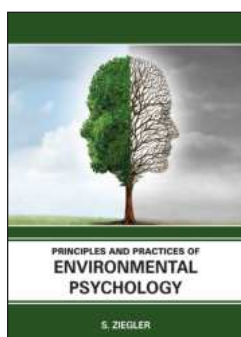
Price: £ 160.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** The biological, psychological, and emotional changes that take place in children between birth and the end of puberty as they transition from dependence to growing independence are referred to as child growth. It is a continual process with a predictable order, but every child's journey is different. Within psychology, educational psychology is a separate scientific field that encompasses research methodologies and a body of knowledge. This book provides authoritative descriptions of all significant facets of educational psychology and child development. This book will be of great value to students, researchers, and academics in the fields of education and psychology, as well as educational planners, psychologists, and other professionals.



## Principles and Practices of Environmental Psychology

**S. Ziegler**

ISBN: 9781835352861

HB

Price: £ 150.00

Size: 7 × 10

Pages: 330

Year: 2025

**About the Book:** Environmental psychology continued to have a dual focus on research and application and moved closer to doing so. Researchers conducted controlled experiments to test their hypotheses, and practitioners used the results in facility programming, design, and post-occupancy evaluation. Environmental design research, which uses a natural setting to enhance environmental design and test scientific concepts, showed the most obvious connection. The interaction between people and their surroundings is the focus of the interdisciplinary field of environmental psychology. The term "environment" is defined extensively in the discipline to include built surroundings, social contexts, learning environments, and informational environments. The study of the relationship between an environment and the effects it has on its inhabitants is known as environmental psychology. Academics as well as laypeople will find this book to be educational and helpful. All of the key facets of environmental psychology are covered in this book. The reader is given the methodological and theoretical perspective of the area as well as a historical overview of environmental psychology.



## Development of Child

**Zaki Hayward**

ISBN: 9781835353455

HB

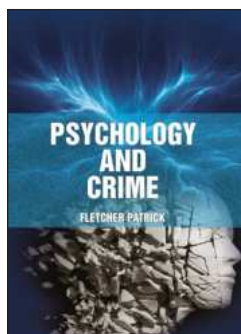
Price: £ 150.00

Size: 7 × 10

Pages: 310

Year: 2025

**About the Book:** For anyone working with children, whether as parents or teachers, the study of child development is of utmost importance. The book follows a child's growth from the prenatal embryonic stage forward, focusing on their intellectual (cognitive), emotional (co-native), social, and moral development as well as their physical growth, as these are all crucial components of a child's personality. In addition, the importance of both nature and nurture has been emphasised from the prenatal to the adolescent stages. Kid development is the progression of physical, linguistic, cognitive, and emotional changes that take place in a kid from birth until the start of adulthood. A youngster moves from dependence on their parents or guardians to increased independence during this period. The biological and psychological changes that take place in people between birth and the end of adolescence as they transition from dependence to growing autonomy are referred to as child development. Genetics and prenatal development are frequently discussed together since these developmental changes may be significantly influenced by genetic factors and experiences during the prenatal period. child development research. The goal of this book is to make it easier for researchers, teachers, and students to navigate the huge literature on child development and behaviour that has been generated.



## Psychology and Crime

**Fletcher Patrick**

ISBN: 9781835357361

HB

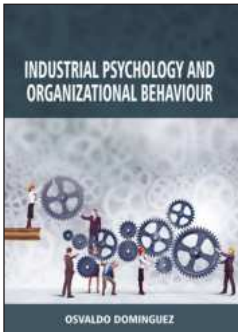
Price: £ 165.00

Size: 7 × 10

Pages: 284

Year: 2025

**About the Book:** Crime imposes significant costs on society, both financially through funding courts, police, and prisons, and emotionally through pain, fear, and loss. Criminal psychology emerged in the late 18th century, evolving from philosophical, medical, legal, and biological perspectives. It addressed conflicts in criminal law regarding how to assess suspects, leading to specialized investigations. Criminal psychology preceded criminology, focusing on individual assessments within legal contexts. Criminal psychologists serve as expert witnesses and assessors in courts, bridging psychiatry and behavioral aspects of criminal behavior. Criminal behavior encompasses actions punishable by law, considered immoral, or violating societal norms, often seen as antisocial. "Psychology and Crime" is an essential resource for students in psychology, criminology, and related fields, and for professionals in the criminal justice system.

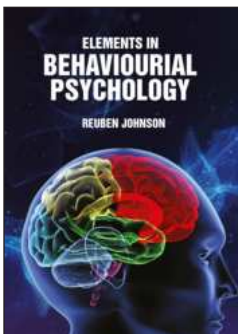


## Industrial Psychology and Organizational Behaviour

**Osvaldo Dominguez**

ISBN: 9781835357583    HB    Price: £ 165.00    Size: 7 × 10    Pages: 292    Year: 2025

**About the Book:** Industrial-organizational psychology (I-O psychology) applies psychological theories to workplace settings, combining industrial and organizational aspects. It examines worker attitudes, behaviors, and organizational dynamics to enhance productivity and employee well-being. Tasks include evaluating companies, conducting leadership training, and studying organizational influences on behavior such as structures, norms, and management styles. I-O psychology aims to improve individual performance while benefiting organizations across various industries. This field focuses on human behavior within work environments and applies to sectors including business, industry, public, academic, and health organizations. The book serves as a practical guide for students and professionals seeking expertise in I-O psychology.

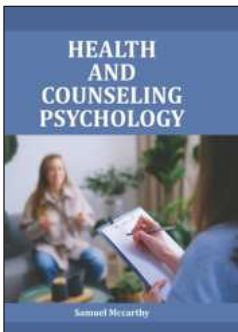


## Elements in Behavioural Psychology

**Reuben Johnson**

ISBN: 9781835357651    HB    Price: £ 160.00    Size: 7 × 10    Pages: 280    Year: 2025

**About the Book:** Behavioral psychology focuses on observable behaviors of people and animals, applying principles like reinforcement to modify behavior. It has significantly influenced clinical practices such as mental health counseling and substance abuse treatment. Applied behavior analysis, a newer field rooted in behavioral psychology, adapts these principles for therapeutic use. Behaviorism emphasizes observable behaviors over unobservable mental events, defining reinforcement as any stimulus that strengthens or increases the likelihood of a specific response. Positive reinforcement involves adding a stimulus to reinforce behavior, while negative reinforcement removes a stimulus to achieve the same effect. Various schedules of reinforcement impact future behavior differently. Though behaviorism waned with the cognitive revolution in the latter half of the 20th century, their integration in therapies like cognitive-behavioral therapy has proven effective in treating conditions such as phobias, PTSD, and addiction. This book integrates contemporary developments in behavioral psychology, bridging theory with practical applications.

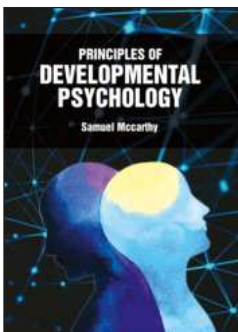


## Health and Counseling Psychology

**Samuel Mccarthy**

ISBN: 9781835359969    HB    Price: £ 160.00    Size: 7 × 10    Pages: 278    Year: 2025

**About the Book:** Health psychology explores how biology, psychology, behavior, and social factors influence health and illness. Also known as medical psychology or behavioral medicine, it examines how various factors, including behavioral and psychological aspects, impact physical well-being and medical conditions. Counseling psychology, within the broader field of health service psychology, utilizes culturally-sensitive practices to enhance well-being, manage distress, and improve functioning across diverse populations. It has contributed significantly to healthcare, offering theories, interventions, and research in areas such as pain management, chronic illness, rehabilitation, and care for conditions like cancer and HIV/AIDS. Emphasizing multicultural competence and social justice, counseling health psychology promotes health promotion and disease prevention. This book draws from extensive teaching and professional experience, incorporating insights from experts in the field.



## Principles of Developmental Psychology

**Samuel Mccarthy**

ISBN: 9781835359976    HB    Price: £ 165.00    Size: 7 × 10    Pages: 260    Year: 2025

**About the Book:** Life-span developmental psychology examines constancy and change in human behavior across the entire life span, from conception to death. It encompasses diverse issues such as motor skill development in infants and changes in intellectual functioning among the elderly. The field aims to deepen understanding of developmental processes, identifying general principles while noting individual differences and similarities in development. Growth and development are continuous processes that occur throughout life, involving both physical changes (growth) and overall structural and psychological changes (development). This knowledge is crucial for educators to effectively support children's growth and development at different stages. This book explores developmental psychology, including its nature and cultural influences, appealing to psychologists, educators, social workers, and others interested in contemporary perspectives on human development.

# Remote Sensing



## Natural Resources Remote Sensing

H. Koch

ISBN: 9781835351253

HB

Price: £ 155.00

Size: 7 × 10

Pages: 292

Year: 2025

**About the Book:** In order to investigate seasonal, and geographical patterns in the health of forests and rangelands, as well as the effects of drought, wildfires, and illnesses on our landscapes and wildlife habitat, remote sensing data is used. The process of gathering data about an object without coming into direct contact with it is known as remote sensing. The most popular platforms from which remote sensing observations are made are aircraft and satellites. The use of electromagnetic energy to identify and measure target properties falls under the definition of remote sensing. Given the changing climatic circumstances of Earth systems, there is an urgent need for sustainable management of natural resources. It is becoming more crucial to be able to precisely and reliably monitor natural resources. There are always being developed and improved remote sensing technologies and methods. The design, functionality, and use of sensors for remote sensing of natural resources (vegetation, water, impervious surfaces, nutrients, and soil), water and energy fluxes, clouds, atmospheric pollutants, surface temperature, and other land and aquatic resources is a crucial area of remote sensing research to comprehend the physical, ecological, hydrological, and environmental properties of surfaces and substances.



## Remote Sensing: Basics

S. Khorram

ISBN: 9781835352823

HB

Price: £ 155.00

Size: 7 × 10

Pages: 290

Year: 2025

**About the Book:** Remote sensing is the process of looking at or acquiring data about a location from a distance. These inspections may be conducted using equipment (such as cameras) mounted on the ground as well as sensors or cameras mounted on ships, aircraft, satellites, or other spacecraft. Today, computers are typically used to store and alter the data. The most popular remote sensing software includes ERMapper, MapInfo, ESRI, and ERDAS Imagine. The science and art of remote sensing involves gathering data (spectral, spatial, and temporal) about material items, areas, or phenomena without actually touching the things, areas, or phenomena being studied. Without physical contact, some method of information transmission via distance must be used. Electromagnetic radiation (EMR) is used in remote sensing to relay information. The monitoring of a parolee using an ultrasound identification system, Earth observation or weather satellite collection platforms, ocean and atmospheric observing weather buoy platforms, magnetic resonance imaging (MRI), Positron Emission Tomography (PET), X-ray (X-RAY), and space probes are all examples of remote sensing. The goals of those interested in this subject have been taken into consideration when designing this book. The book's thoroughness and depth should convince the reader that it is one they should read.



## Analysis and Interpretation of Image: Geologists Remote Sensing

Sen Lee

ISBN: 9781835352946

HB

Price: £ 170.00

Size: 7 × 10

Pages: 274

Year: 2025

**About the Book:** Certain errors are inevitable and result in inaccurate maps when plotting such point data gathered along the traverse lines on the topographic base and finally generating final maps by extrapolating the features. For many years, earth scientists have used aerial photographs. With the development of satellite data, the value of the regional'synoptic view' for recognising geologic processes became more widely acknowledged. To decipher the Earth and comprehend the activities that take place on and within of it, geologists utilise a variety of field, laboratory, and numerical modelling techniques in addition to remote sensing. Because it enables the mapping of geological properties of regions without direct physical contact with the places being examined, remote sensing in geology is remote sensing utilised in the geological sciences as a data collecting approach additional to field observation. A new age in lithology mapping has begun thanks to remote sensing technologies. The data from the Landsat Enhanced Thematic Mapper are quite helpful. The geological maps were previously created using traditional ground surveys based on actual field observations. At regular intervals, they are made along traverse lines. With the use of cutting-edge remote sensing techniques and unique geological applications, geophysical remote sensing strengthens geological processes. Field analysts, researchers, and scientists commonly use a variety of geoscientific approaches.

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