Explore the Health Science Books with...

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New Releases

November - December 2009

www.jaypeebrothers.com
Rheumatology Principles and Practice
Ashit Syngle, SD Dheodhar

A concise textbook highlighting a range of topics within rheumatology and offering diagnostic and management options

- Rheumatic musculoskeletal disorders are among the most prevalent health problems the world over. This book has been designed to fulfil the requirement of UG and PG medical students and the physicians managing and treating rheumatological disorders.
- It brings together the academic and clinical experience of more than 60 outstanding and renowned experts from across the world.
- A unique interactive DVD supplements this textbook containing a Rheumatology Atlas, Question Bank along with Answer Key, Spot the Diagnosis, Interesting Cases, Practical Workshops and Rheumatology Resources. It would be a valuable resource for those preparing for MRCP as well.

Jaypee's Ganga Video Atlas of Spine Surgery
S Rajasekaran, Ajoy Prasad Shetty

Enables to discover ways to use new methods and technology and expand one's knowledge in the field of spine surgery

- This operative video atlas shows more than 50 different spine surgeries including neurosurgical procedures performed by experts and renowned surgeons from across the world.
- Gives insight into latest techniques of high quality, professionally edited digital videos of procedures from simple discectomies to complex deformity corrections.
- Incorporates versatile videos showing both established surgical techniques as well as informative and innovative recent methods valuable to the viewers.
- Highlights the intricacies and nuances of complex surgeries to the experienced spine surgeons.

With 292 pages booklet containing details of procedures

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Various textbooks & reference books have been given an edge over competition through accompanying value added online features. This free e-learning resource provides the users with downloadable images, videos, self assessment, regular updates and other options.

All our journals are available online at www.jaypeejournals.com with added features like fully downloadable text and images, keyword search and print options.

You can buy the complete range of medical books online at www.jaypeebrothers.com

All Prices are subject to change without any prior notice
Identification, Assessment, Stabilization and Transport (IAST) Manual for Acutely Ill Children

Kundan Mittal

Deals with basic needs of primary health care providers who care for critically sick and injured children

- This manual gives brief introduction regarding identification, communication skills between doctor and patient. It will help in improving the skills of the Primary Health Care Providers and will bring down the childhood mortality.
- Highlights the issue of effective communication skills for doctors useful for better management of the sick children at primary care level.
- Helps to handle the sick/injured children within the existing infrastructure and also discusses the issues related to neonatal resuscitation.

Corneal Transplantation

Editor: Rasik B Vajpayee

An updated and skillfully written book presented in a format useful and practical for ophthalmologists throughout the world

- Incorporates many significant and exciting developments in the technical aspects of corneal transplantation including the relatively cumbersome use of penetrating keratoplasty to treat all types of corneal diseases to the use of much more elegant and precise 'Customized Component' corneal transplantation surgery.
- These customized lamellar corneal transplantation surgeries aim to replace only the diseased part of the cornea by selective transplantation of the appropriate corresponding healthy donor lenticule.
- Surgical techniques like 'Big Bubble' DALK, Microkeratome assisted ALTK and DSAEK have found favor with corneal surgeons over penetrating keratoplasty for corneal disorders that affect only specific layers of cornea.
Ocular Microbiology
PK Mukherjee, Preeti Bandyopadhyay

A practical clinical book on ocular microbiology covering the techniques and background material needed to take eye cultures and smears

- Dedicated to the investigation, epidemiology, pathogenesis and in vitro susceptibility profiles of ocular pathogens to improve ocular patients’ outcomes.
- Provides expert advice on the emergence, detection and recovery of ocular pathogens.
- Offers diagnostic and research support for faculty, fellows and residents in their pursuit of state-of-the-art discovery and management of ocular infectious diseases.
- Information on supplies and tests is included as well as ways to effectively incorporate tests into a practice.
- Discusses Ocular Bacteriology, Cocci and Bacilli of Ocular Importance along with Ocular Virology, Mycology and Parasitology.

Diagnostic Radiology
Chest and Cardiovascular Imaging

Editors: Veena Chowdhury, Arun Kumar Gupta, Niranjan Khandelwal

An updated book including phenomenal technological advances and innovations made recently for optimal presentation

- Covers the technique of CT and its recent advances in the evaluation of chest diseases and potential of MRI for evaluation of thoracic lesions.
- Detailed discussion on the clinico-pathological aspects and radiology in common thoracic diseases like tuberculosis, non-tubercular infections and malignancy, role of HRCT in specific conditions.
- Importance of having diagnostic technical facilities and role of a radiologist in handling the patient in acute emergency are highlighted.
Cataract and Refractive Surgery
(The Essentials for Nurses, Trainee Ophthalmologists and Optometrists)

Sudi Patel, Claes Feinbaum

* A unique collection of images from spectral domain OCT with a highly illustrative section on Glaucoma.
* Includes cases of adult foveovitreal dystrophy, best disease and photodynamic therapy of occult choroidal neovascular membrane.
* Provides with brief case summaries, fundus photographs, fluorescein angiography and the OCT images and the follow up images for most of the patients for easy comprehension.

Title
Presentation: Full Colour
Cover Type : Hard Cover
Edition : 3/e, 2010
Size : 8.5" × 11"
Pages : 688
Price : Rs. 2495.00

The fragrance always remains on the hand that gives the rose

Atlas
Optical Coherence Tomography of Macular Diseases and Glaucoma

Vishali Gupta, Amod Gupta, Mangat Ram Dogra

* Includes the recent advances in the field of OCT technology and its applications in everyday life.

Cataract and Refractive Surgery
(The Essentials for Nurses, Trainee Ophthalmologists and Optometrists)

Sudi Patel, Claes Feinbaum

* A quick reference update on state-of-the-art diagnosis and treatment of all major diseases of the eye.

Presentation: Full Colour
Cover Type : Soft Cover
Edition : 1/e, 2010
Size : 4.5" × 7"
Pages : 172
ISBN : 978-81-8448-864-7
Price : Rs. 295.00
**Interlocking Nailing**

DD Tanna

*Includes introduction of better nail designs, innovations in interlocking techniques and the universal availability of image intensifiers*

- This new edition incorporates many new case studies and new bold changes of concept along with introduction of nail extraction device.
- Special considerations for use of locking plate; Biological/bridge plating: (Principle of relative stability); Use of LCP as an internal Fixator; Preconditions for bridge plating, its indications and biomechanical basis.
- Discusses on antibiotic coated nail for infected surgery and how to make these nails.
- An interactive DVD-ROM supplements this edition containing ways to remove broken implant; new broken implant removal bolt; and how to prepare antibiotic rods.

**Retina & Vitreous Surgery**

Editors-in-Chief: Ashok Garg, Jorge L Alio

*An International book to teach and guide the ophthalmologists to master surgical techniques properly*

- This volume deals with various vitreoretinal diseases and their surgical options in a comprehensive and lucid manner. The leading international and national retinal surgeons have shared their experiences in a easy-to-read format for updating the knowledge of both novice and experienced retinal surgeons.
- Recent advances and innovative techniques specially 23 G and 25 G microincision surgery in various retinal diseases, OCT investigation, wide angle viewing and stem cell therapy are special features of this volume.
Corneal Surgery
Editors-in-Chief: Ashok Garg, Jorge L Alio
Includes recent advances in the surgical approach of visual impairing corneal diseases

- A galaxy of top international corneal surgeons have shared their experiences in this book especially various techniques of Keratoconus Management and Corneal Transplantation Techniques.
- This volume is dedicated to corneal surgery. Fifty-seven Chapters of this book cover various surgical techniques related to keratoconus, corneal disorders, corneal transplantation and keratoprosthesis available in the world.
- In recent advances section new innovative and futuristic surgical techniques have been discussed by the International Master Corneal Surgeons. Various innovative refractive techniques like corneal cross-linking, keraring implantation, transepithelial cross-linking for KCN are added attractions of this book.

Nutrition & the Eye
Roberto Pinelli, Ebrahim Elborgy
A book on the benefits of nutrition and nutritional supplements against eye diseases and its effect on the eye

- Discusses on Multivitamin-multimineral supplements and eye disease: age-related macular degeneration and cataract; Ultrastructure of retina of manganese deficient rats; Fluorescent pigment accumulation in retinal pigment epithelium of antioxidant deficient rats.
- Represents chapters on Supplements and the Eye; Manganese Deficiency and Retina; Antioxidant Deficiency and Retinitis Pigmentosa; Glutathione: A Vital Lens Antioxidant; Selenium's effects on MMP-2 and TIMP-1 secretion by human trabecular meshwork cells; Selenium: Correlation with Glaucoma.
Illustrated Medical Biochemistry
SM Raju, Bindu Raju
Emphasises on control of gene expression, proto-oncogenes and cancer, along with molecular tools in medicine

• The first unit focuses on chemistry of amino acids/proteins/carbohydrates/lipids, collagen, water and electrolytes metabolism, basic concepts and kinetics of enzymes, nutritional needs, biochemistry of nerve impulse transmission and blood coagulation.

• The second unit highlights topics like fatty acid metabolism, metabolism of complex lipids, cholesterol, regulation of blood glucose and diabetes, fructose metabolism, DNA and RNA synthesis, protein modifications and targeting.

• A new chapter has been included on Molecular Tools in Medicine to give a glimpse of advances made in biochemistry that have direct application in modern day medicine.

A Ready Reckoner for Vaccinations
(Adult, Adolescent & Pediatric)
Editors: Swati Y Bhave, A Parthasarathy, Sangeeta Yadav
Gives insight into the art of immunization covering prescription and administration of newer vaccines

• The Indian Academy of Pediatrics has included additional vaccines in various categories and issued guidelines for its members in matters related to their administration in office practice.

• Enables the practitioner to follow “Rational Immunization Practice” in serving the needy infants, children, adolescents and adults.

• Incorporates chapters on the basics of vaccination and safe injection practices.

• Aimed to serve as a quick reference giving details of vaccination in special circumstances like travel, pregnant woman, etc.
Textbook of Radiological Safety

K Thayalan

A unique textbook that covers the entire fields of radiology i.e., diagnostic radiology, nuclear medicine and radiotherapy

- Includes a chapter on Regulations and Dose Limits providing details of regulatory aspects.
- Large number of tables, figures and illustrations have been included to explain the subject matter adding Bibliographies at the end of each chapter to serve as additional reading material.
- An attempt has been made to bring all the relevant information including safety terminology, biological effects, exposure control, monitoring, planning of the installation, quality assurance, regulation, personal safety, transport, waste disposal etc.
- The main aim is to remove the misconception about radiation and prepare the minds of younger generation to face the future challenge confidently.

Steps Towards Perfection

A Short History of Cataract Surgery and Lens Implantation

Paul U Fechner

Incorporates recent developments in lens design and materials

- Represents the Smith-Indian Cataract Expression, History of the Intraocular Lens and its Introduction.
- Also discusses History of IOI materials, Lens implantation in cataract operation, Phakic intraocular lenses.
- Explains about polymethylmethacrylate (PMMA, Formula 1) which became the initial material of modern IOls till today.
- Describes about hydrophobic and hydrophilic acrylic lenses including a variety of formulas.
- Provides information about optical consequences of cataract operation, early anterior/posterior chamber lenses and explores other sites of fixation.
Genital Tuberculosis
Editors: Gita Ganguly Mukherjee, Satchidananda Tripathy, Sindhu Nandini Tripathy

Aims at providing the state-of-art information on different aspects of genital tuberculosis

- Covers a wide range of topics from epidemiology, pathophysiology, diagnostic dilemma and treatment including IVF-ET and surrogacy.
- Incorporates all the enigmatic dilemmas in making an authentic diagnosis from the asymptomatic women to women with frank ascites.
- Includes conditions mimicking tuberculosis and the use of PCR and endoscopy to guide a large number of health workers to arrive at or exclude the diagnosis of tuberculosis and prevent them from getting onto a wrong track.
- Full justice to the subject is delivered by the inclusion of chapters like Ovarian and Endometrial Receptivity and the Concept of Prevention.

Practical Approach to Ophthalmoscopic Retinal Diagnosis
AK Gupta, Shahana Mazumdar, Saurabh Choudhry

Designed to help in the accurate identification of the signs observed and the scheme to be followed to reach a clinical diagnosis

- The chapters have been segregated by the structure primarily involved by the lesion, i.e. the optic nerve, macula, retinal vasculature, the retina proper, peripheral retina or the vitreous.
- Within the chapters the observations are grouped by the morphological features and color.
- Encourages the readers to observe the lesions and identify the descriptive group most apt to the lesion being identified. The finer differentiating points within that group will clinch the identity of the lesion.

Take care of your body—it’s the only place you have to live
Essentials of Orthopedics

RM Shenoy

Incorporates valuable information about fractures and dislocation; fractures in the upper and lower limbs; fractures of the pelvis

- Provides necessary knowledge about spinal injuries; peripheral nerve and brachial plexus injuries; bone and joint infections; bone tumors.
- Discusses SCFE, Perthes' disease and other osteochondritis; intervertebral disc prolapse/herniation; nutritional, endocrine, degenerative and autoimmune disorders; congenital and developmental anomalies, arthroscopy and total joint arthroplasty.
- Imparts informative orthopedic knowledge and highlights concepts in a simplified manner keeping the originality.
- A complete and well presented book to keep the readers abreast with all the relevant information containing illustrations and radiographs wherever required to give visual effect.

Orthopedics Ready Reckoner

RM Shenoy, Deepak Pinto, Vivek Mahajan

Updated with adequate information to diagnose and practically manage a case in the casualty

- A compilation of knowledge required for an orthopedic resident doctor, who is on duty in a trauma center/emergency room, for assessment and timely intervention of an injured person.
- Enables the resident doctors to manage such cases confidently and more efficiently without delay.
- The entire text has been divided into seven sections comprising of Trauma in general and injuries of the lower/upper limbs, Spine, Clinical diagnosis of peripheral nerve and brachial plexus injuries, Examination of a case of bone tumor, Important clinical tests and radiological signs in different bone and joint pathologies, and multiple trauma.
**IAL Textbook of Leprosy**  
*(Indian Association of Leprologists)*  
**Editors:** Hemanta Kumar Kar, Bhushan Kumar  
*A multi-authored book compiling the updated scientific content and covering all aspects of leprosy*

- A comprehensive textbook on Leprosy brought out by the Indian Association of Leprologists (IAL) to train the leprosy scientists.  
- Management of leprosy has become an integral part of general health care and this book is designed to equip all the physicians and new medical graduates/postgraduates with the basic but essential knowledge about the disease than ever before.  
- Covers the entire gamut of epidemiology, immunology, immunogenetics, pathology, clinical aspects, medical/surgical management and finally the social, legal aspects and rehabilitation giving an insight into the brighter prospects beyond 2010 and future research.

**Total Hip Replacement Surgery**  
**Principles and Techniques**  
SKS Marya, RK Bawari  
*Includes basics of hip replacement, implant systems, surgical approaches, relevant surgical anatomy and biomechanics*

- Suggests alternatives to hip replacement; selection of the kind of prosthesis; time period of recovery and rehabilitation; possible complications of HR Surgery; and suitable exercises after the surgery.  
- Describes issues like preoperative planning and work-up on clinical assessment and hip scoring, radiology, templating and preparation.  
- Extensive coverage of surgical techniques like cemented/uncemented THR, post-operative period, management, recovery, physiotherapy and rehabilitation protocols.
Essentials of Pediatric Dentistry
Kanchan Harikishan Asnani

A concise and to the point book providing all the essential information about Pediatric Dentistry

- This book has been written keeping in view the requirements of the students as they face the dilemma of selecting the proper book.
- The entire text has been divided into four parts. The first part deals with the basics and fundamentals of pediatric dentistry introducing the readers to the subject.
- The second part deals with various procedures and techniques to be undertaken in the primary dentition years i.e. three to six years.
- The third part deals with the changes which should be offered in various dental procedures in various aspects in the transitional years i.e. six to twelve years.
- The fourth part provides the information which deals with young adults or adolescence.

Textbook of Surgery for Dental Students
Sanjay Marwah

A comprehensive and factual book written in a simplified manner covering all the topics as per revised syllabus

- The text begins with the introduction of surgery emphasizing on infections, wounds, surgical asepsis and antiseptic measures, hemorrhage, blood transfusion and bleeding disorders.
- The focus is on care of the acutely injured, tumors, cysts, diseases of lymph nodes/lymphatics/oral cavity/salivary glands/larynx.
- Accompanying DVD-ROM covers step-wise description of routine ward procedures and minor surgical operations required as per curriculum to make the learning process easier for the students.
- Provides insight into gangrene and diseases of arterial/venous system, principles of operative surgery, radiotherapy, anesthesia and fractures.
Child Management in Clinical Dentistry
Ashwin Jawdekar

Includes well illustrated and defined remedies along with therapies of child management

• This book is in itself a novelty and a unique presentation. It comprises of several chapters of significance categorically defining the psychological management and understanding of children's attitude and behaviour.
• Provides the readers practical information related to various topics like the fundamentals of child management, assessment of child behavior, non-pharmacological behavior modification methods, controlling disruptive child behavior, designing child-friendly dental clinics, etc.
• Deals with difficult situations in day-to-day practice such as treating children having hypersensitive gagging reflex, considerations for 'Special Care Needs', pediatric dental practice management, etc. in a step-by-step manner.

Surgical Correction of Facial Deformities
Varghese Mani

Covers a wide spectrum of diseases, injuries and defects of the face and healing of the internal scars that external deformities can cause

• Includes diagnosis and treatment of congenital craniofacial malformations such as cleft lip and palate and cranial vault malformations like craniosynostosis, (craniofacial surgery).
• Represents diagnosis and treatment of chronic facial pain disorders, dysgnathia (incorrect bite), and orthognathic (literally “straight bite”), reconstructive surgery, orthognathic surgery, maxillomandibular advancement, surgical correction of facial asymmetry.
• Also discusses diagnosis and treatment of soft and hard tissue trauma of the oral and maxillofacial region.
• The chapter on Etiology of Facial Deformities touches on the psychological aspects of deformities.

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Pages : 306
ISBN : 978-81-8448-879-1
Price : Rs. 1495.00
Textbook of Human Oral Embryology, Anatomy, Physiology, Histology and Tooth Morphology

KMK Masthan

A simplified but comprehensive coverage of the anatomy, embryology, physiology and histology of oral structures

- The entire text has been divided into four sections comprising of development of face/oral cavity/teeth, age changes in dental tissues and jaws, introduction of dentition, Microtechnique, etc.
- Focuses on enamel, pulp, cementum, periodontal ligament, oral mucous membrane, salivary glands, maxillary sinus, tooth eruption.
- A few topics like role of calcium, effects of hormones on the oral structures, dental anatomy, ganglion and cranial nerves have been added to make it more informative.

The Legends of Implant Dentistry

with the History of Transplantology and Implantology

Leonard I Linkow

The text is a synthesis of the author's own experiences in the field of implantology, and the experiences of many others

- It describes many techniques that are successful because they have been carefully designed to be compatible with the laws of nature.
- It explores the reasons why an implant succeeds or fails, from both operatory and physiologic viewpoints. It prepares the reader for the kind of experience that can be gained only through actual clinical work.
- It tells the individual operator why the procedures should work; his own experiences based on a thorough understanding of the factors involved will finally prove that they do work.
**Clinical Diary**

For BSc and GNM Students with Short Notes for Quick Reference

T Rajarathnam, Ms Molly Sam

*Begin with a form of personal details to be filled in by the student followed by calendars from 2009 to 2012*

- Gives insight into nursing definitions, techniques that facilitate communication, steps of the nursing process, Maslow's hierarchy of needs like aesthetic, self-esteem, love, safety recognition, etc.
- Informs about nursing principles and diagnoses, format for care-plan, comfort devices, different types of positions, physical examination, and regulation of body temperature.
- Discusses on phases and types of fever, effects of fever on body, commonly used abbreviations, drug administration rights and calculating equivalents.
- Describes types of fractures, principles of primary health care, health strategy for all, and career opportunities.

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**Nursing**

Solved Question Papers for BSc Nursing 3rd Year (2009-1999)

I Clement

*Contains fully solved eleven years' question papers as per RGUHS revised syllabus and INC guidelines*

- This book has been prepared with comprehensive approach which will be very useful to third year BSc Nursing students as an essential ready reference tool.
- Guides the readers to prepare for exams and write answers in an organized way as they are often unable to put it on paper in a proper and meaningful way inspite of the fact that they know the answers fully and completely.
- Ready reference tool from examination point of view in a student friendly presentation.
- Comprehensive approach used to integrate theory into practice. Includes to-the-point explanatory answers.
- Covers all the topics like Child Health/Medical Surgical/Mental Health Nursing along with Midwifery Including Maternity and Gynecological Nursing.

---

*Language exerts hidden power just like a moon on the tides*
Veterinary Obstetrics
A Practical Guide
Suresh S Honnappagol, MK Tandle

It is the handy work of 21 experienced faculties drawn from different Veterinary Institutes of higher learning

• Provides a concise information on handling of obstetrical cases with a free flow of the editors’ experience to help the students and veterinarians in practicing the safe and more meaningful obstetrics.
• An authoritative and accurate account of the most important research on Veterinary Obstetrics including the normal process of parturition in domestic animals which is valuable preliminary information to relieve dystocia.
• Adequately includes all spheres of veterinary obstetrics starting from anatomy, physiology, dystocia management, obstetrical analgesia and therapeutic pharmacology.

Introduction to General Veterinary Pathology
D Gopalakrishna Rao
Includes updated information related to general veterinary pathology in a simple manner

• This book has been written keeping in view of the Veterinary Council of India syllabus of undergraduates leading to degree of BVSc and AH for Indian Universities.
• It incorporates the recent information on molecular mechanisms of disease process. A chapter on pathophysiology of pain response in animals has been added.
• This text has emanated from the Author’s pen incorporating 40 years of teaching experience in Veterinary Pathology.
• A textbook helpful to students pursuing the veterinary education for degree course as well as to the allied medical field workers.
NOVEMBER-DECEMBER 2009 17

If you care only for yourself, others will begin to care less for you.

MN Chatterjea

Viva in Biochemistry

Contains simple, short and accurate answers to the questions generally asked in viva-voce examination of Biochemistry

- A new chapter on 'Acid Base Balance and Imbalance' has been added.
- Fulfils the requirements of the undergraduates and postgraduates.
- Enables students face the viva and answer any question asked accurately and more confidently, to the complete satisfaction of the examiners.
- Includes information about chemistry/ metabolism of carbohydrates, lipids, proteins, enzymes, hemoglobin, hormones, respiration and amino acids.
- Discusses on vitamins, digestion, absorption, detoxication, protein synthesis, DNA replication and DNA recombinant technology, and biophysics.
- Explains radioactivity and use of radio-isotopes in medicine, clinical enzymology, biochemistry of cancer, acid base balance and imbalance.

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Price : Rs. 175.00

Review of Pathology and Genetics

Gobind Rai Garg, Sparsh Gupta

Contains facts and concepts from the latest editions of Robbins 8th, Harsh Mohan 6th, Harrison 17th and CMDT 2009

- Includes fully explained questions from All India, AIIMS, PGI Chandigarh, DPG, Karnataka and various other state exam questions.
- Chapter-wise concise but complete text for enabling the students to study antegrade.
- Provides the advantage of both antegrade as well as retrograde study.
- Includes a large number of diagrams and flowcharts to quickly revise the topics.
- All previous years MCQs and other potential questions are highlighted in the text. Incorporates chapter on Important Stains and Bodies.

Presentation: Single Colour
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Pages : 560
ISBN : 978-81-8448-880-7
Price : Rs. 395.00

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ISBN : 978-81-8448-825-8
Price : Rs. 175.00
It is the hour of trial that makes men great, not the hour of triumph.

Dentogist
1st Year BDS Question Bank
(NTRUHS, Andhra Pradesh)
Gopala Krishna BR

Covers the maximum questions of NTRUHS, Andhra Pradesh (both old and new regulations) since 1985-2009

- This question bank includes all the questions appeared in the previous examinations with standard reference books along with page numbers which will make the work easy for students.
- Includes questions from the topics like, human physiology, biochemistry, human anatomy/histology/embryology, oral anatomy, oral histology and embryology.
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- Suggests the reference books which are commonly used by students or student-friendly books.

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