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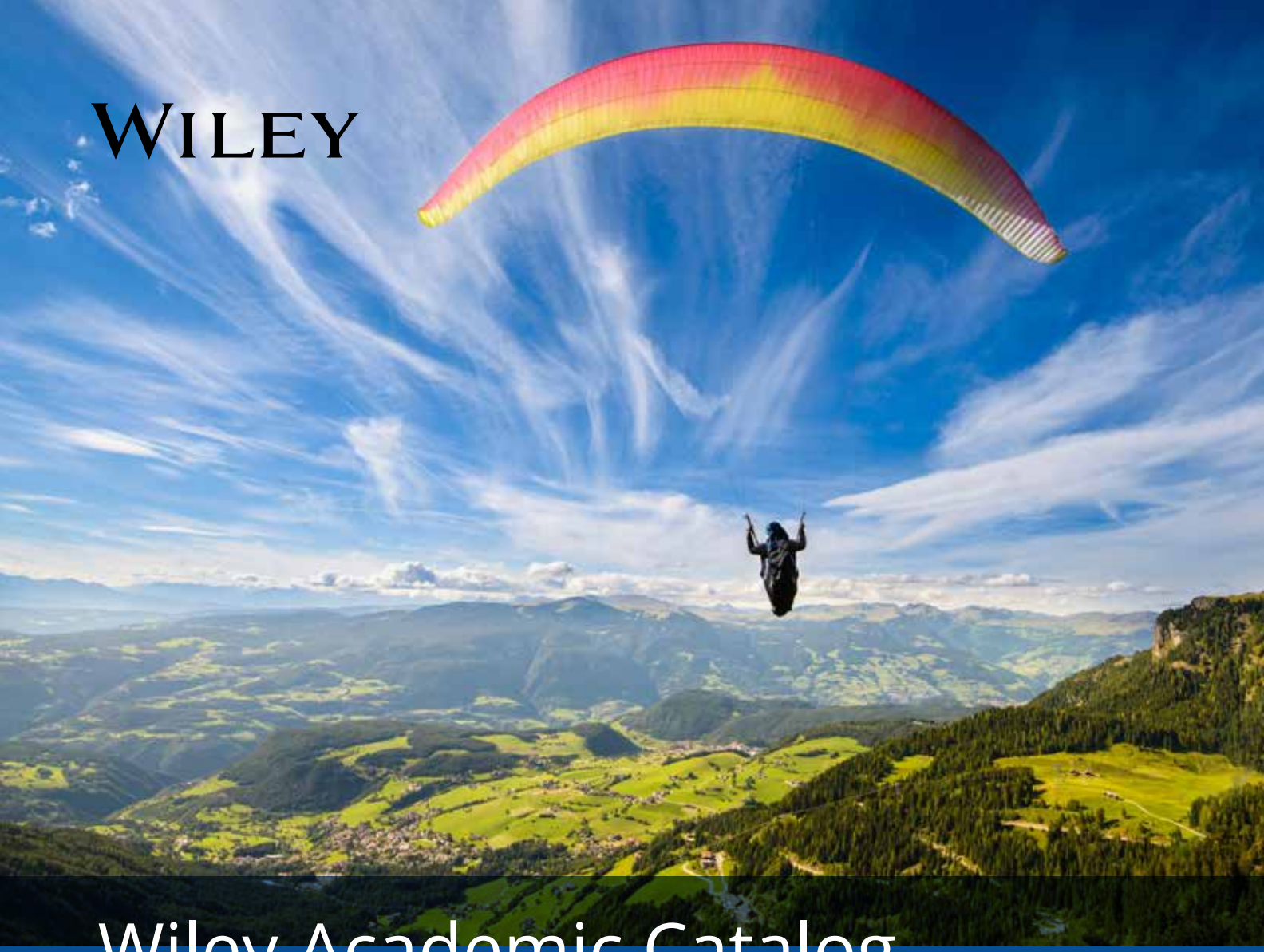

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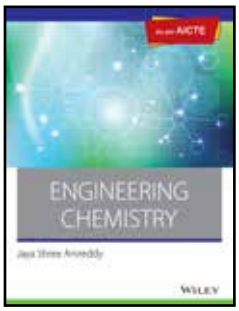

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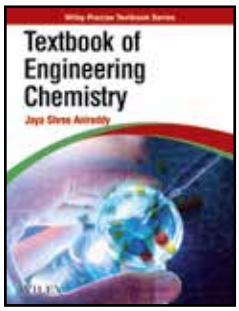

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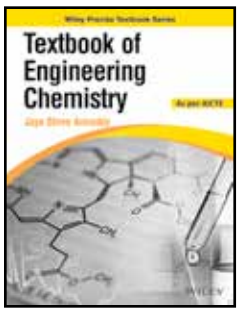

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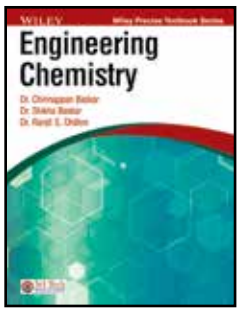

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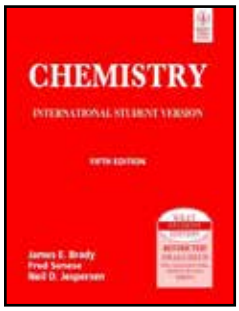

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Fred Senese is the creator of the award-winning General Chemistry Online and Ask Antoine (the most hit general chem web resource in the world with over 15 million hits/year). • Table of Contents

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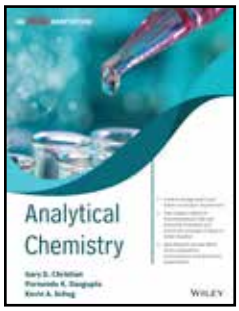

Analytical Chemistry, An Indian Adaptation | IM | e | k

Christian

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Gary Christian began his career at Walter Reed Army Institute of Research, where he developed an interest in clinical and bioanalytical chemistry. He joined the University of Kentucky in 1967, and in 1972 moved to the University of Washington, where he is Emeritus Professor, and Divisional Dean of Sciences Emeritus.

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Advanced Inorganic Chemistry, An Indian Adaptation | e | k

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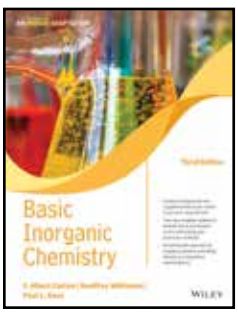

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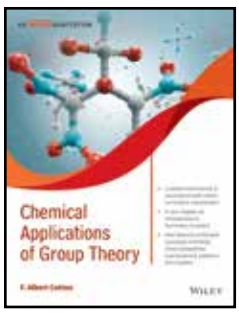

Chemical Applications of Group Theory, An Indian Adaptation | e | k

Cotton

About the Author

F. Albert Cotton, American chemist (1930- 2007) was renowned for his work in the field of inorganic chemistry, particularly his pioneering research into the direct chemical bonding of pairs and clusters of atoms of elements known as transition metals. He discovered and analyzed many compounds that contain double or multiple metal-metal bonds, including the first known metal-metal quadruple bonds (1964). In explaining the nature of metal-metal bonding and of bonding between metal and carbon atoms in organometallic molecules, Cotton's work was highly important in helping to understand catalysts, substances that increase the rate of a chemical reaction without being consumed in the reaction and that are essential in biological systems and certain industrial processes.

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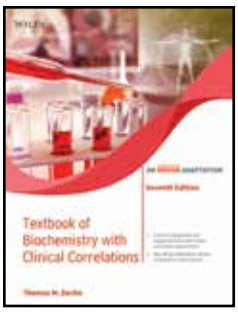

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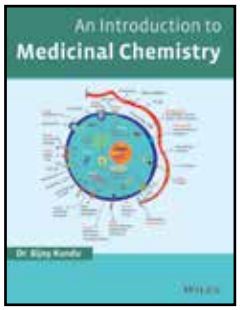

An Introduction to Medicinal Chemistry | e | k

Kundu

About the Author

"Dr. Bijoy Kundu worked as post-doctoral fellow at City University of New York, USA with Prof. Fred Naider for two years (1981–82), and at University of Illinois, Urbana-Champaign, Illinois, USA from 1989–91with Prof. K.L. Rinehart. After his return from USA in 1982, he joined as Scientist B at CSIR-CDRI in the division of Biopolymers and within two years of his joining, he was selected as Scientist C in the same division at CSIR-CDRI. Finally, after putting in 30 years of service he superannuated as Chief scientist and Head of the Department of Medicinal Chemistry of CSIR-CDRI, Lucknow, India.

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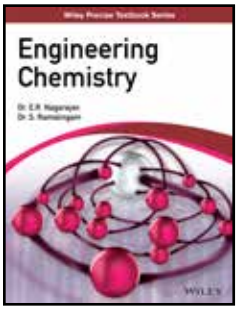

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Sidhwani

About the Author

Dr. Indu Tucker Sidhwani retired as an Associate Professor in April 2017 from the Department of Chemistry, Gargi College, University of Delhi after a teaching career spanning 43 years. Dr. Sidhwani is involved in the "greening" of Chemistry education and improving existing experiments while also designing new green chemistry experiments for undergraduate and postgraduate students. She regularly conducts workshops for students as well as teachers of various schools, colleges and universities. • Table of Contents

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Silverstein

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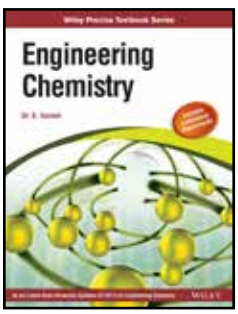

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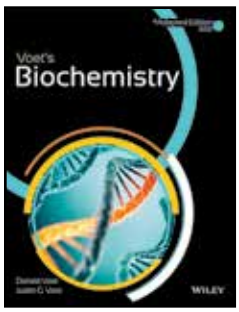

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Voet

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Donald Voet took up a faculty position in the department of chemistry at the University of Pennsylvania, upon completing his postdoctoral work. He has been a visiting scholar at Oxford University, the University of California San Diego, and the Weismann Institute of Science in Israel. • Table of Contents

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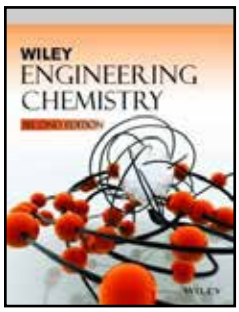

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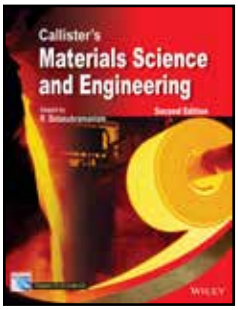

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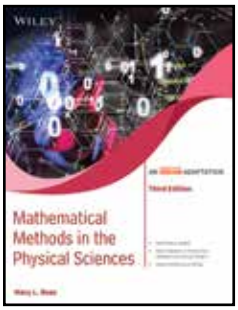

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Boas

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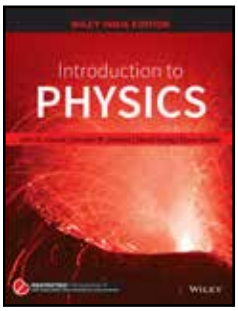

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About the Author

John D. Cutnell is currently Professor Emeritus in the Department of Physics at Southern Illinois University, Carbondale. • Table of Contents

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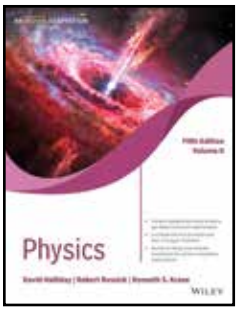

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Halliday

About the Author

David Halliday was an American physicist known for his physics textbooks, Physics and Fundamentals of Physics, which he co-wrote with Robert Resnick. Both textbooks have been in continuous use since 1960 and are available in more than 47 languages.

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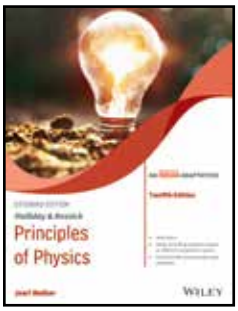

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About the Author

David Halliday was an American physicist known for his physics textbooks, Physics and Fundamentals of Physics, which he co-wrote with Robert Resnick. Both textbooks have been in continuous use since 1960 and are available in more than 47 languages.

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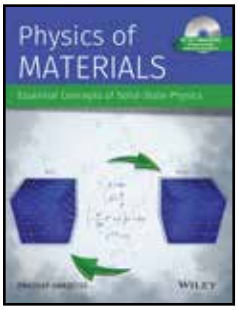

Physics of Materials: Essential Concepts of Solid-State Physics, w/ cd | IM | e | k

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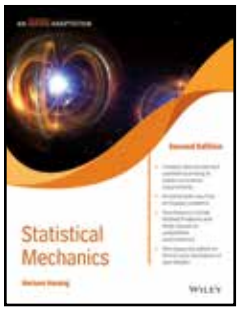

Statistical Mechanics, 2ed, An Indian Adaptation | e | k

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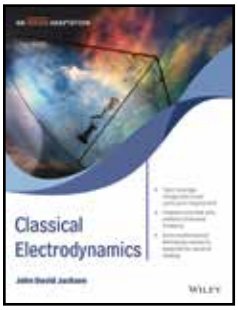

Classical Electrodynamics, An Indian Adaptation | e | k

Jackson

About the Author

John David Jackson is the author of Classical Electrodynamics, 3rd Edition, published by Wiley.

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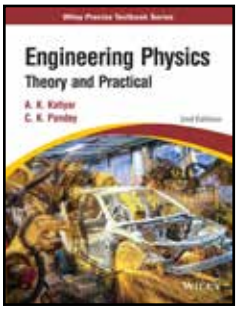

Engineering Physics: Theory and Practical, 2ed | e | k

Katiyar

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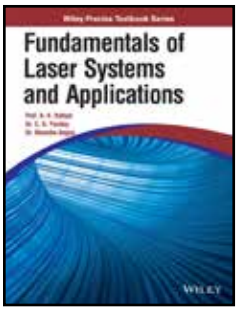

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Katiyar

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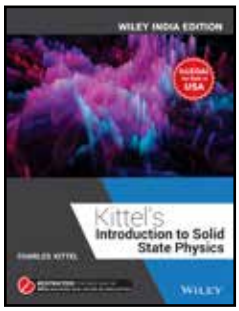

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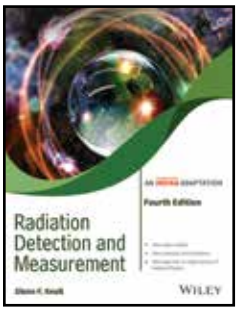

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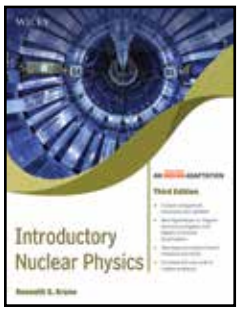

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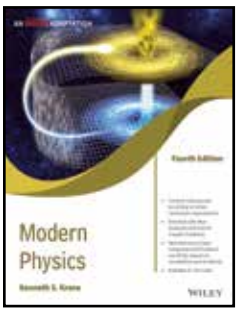

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Krane

About the Author

Kenneth S. Krane, Oregon State University, is the author of Modern Physics, 4th Edition, published by Wiley. • Table of Contents

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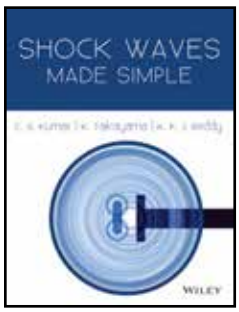

Shock Waves Made Simple | e | k

Kumar

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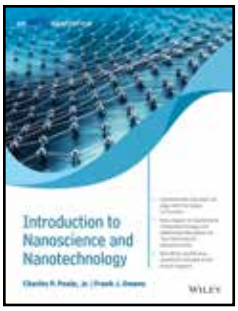

Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

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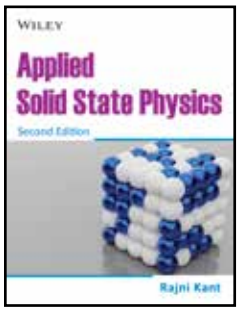

Applied Solid State Physics, 2ed | e | k

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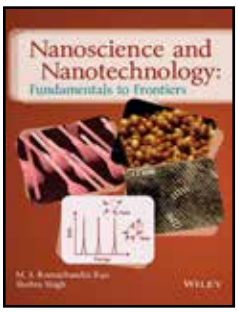

Nanoscience and Nanotechnology: Fundamentals of Frontiers | e | k

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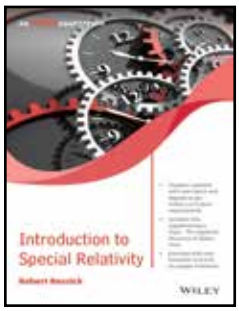

Introduction to Special Relativity, An Indian Adaptation | e | k

Resnick

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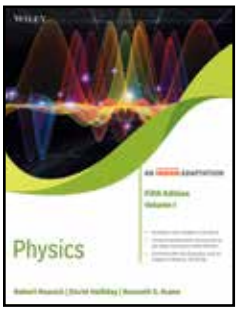

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"Robert Resnick was a physics educator and author of physics textbooks. He was born in Baltimore, Maryland on January 11, 1923 and graduated from the Baltimore City College high school in 1939. He received his B.A. in 1943 and his Ph.D. in 1949, both in physics from Johns Hopkins University.

David Halliday was an American physicist known for his physics textbooks, Physics and Fundamentals of Physics, which he wrote with Robert Resnick. Both textbooks have been in continuous use since 1960 and are available in more than 47 languages.

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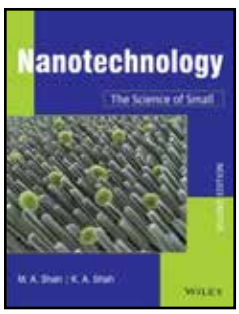

Nanotechnology: The Science of Small , 2ed | e | k

Shah

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Dr. M. A. Shah embarked upon new research programmes, pioneered the synthesis of broad range of nanomaterials, established the World Bank Funded Research Centre (Special Centre for Nanosciences) and laid the foundation to learn the new science – nanotechnology – in the early 2000s. In 2009, Dr. Shah moved to the Middle East on deputation for a short period of two years and published the book Principles of Nanoscience & Nanotechnology with Dr. T. Ahmad, an eminent Chemist.

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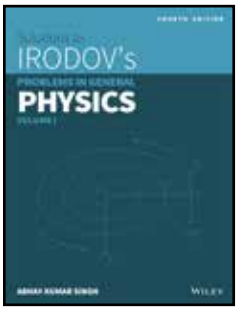

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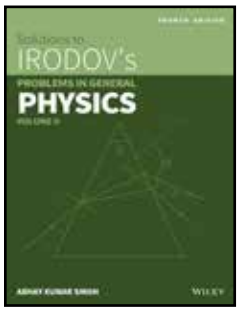

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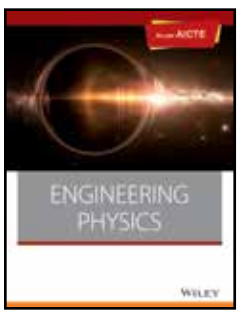

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Quantum Mechanics, 2ed: Concepts and Applications, An Indian Adaptation (Exclusively distributed by CBS) | e

Zettili

About the Author

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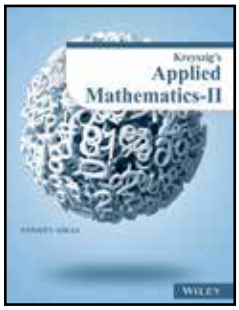

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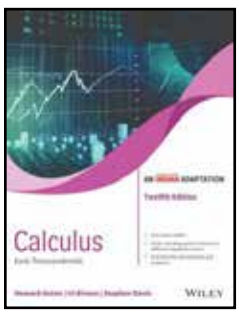

Calculus : Early Transcendentals, 12ed, An Indian Adaptation | New |e

Anton

About the Author

HOWARD ANTON In the early 1960s worked for Burroughs Corporation and Avco Corporation at Cape Canaveral, Florida, where he was involved with the manned space program. In 1968 he joined the Mathematics Department at Drexel University, where he taught full time until 1983. Since that time, he has been an Emeritus Professor at Drexel and has devoted most of his time to textbook writing and activities for mathematical associations.

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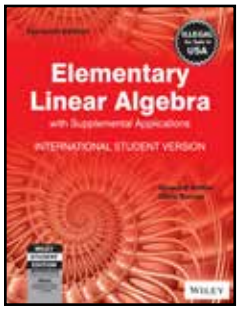

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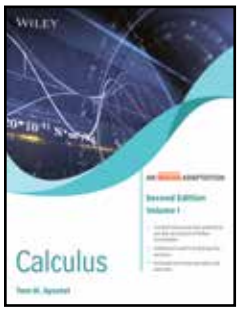

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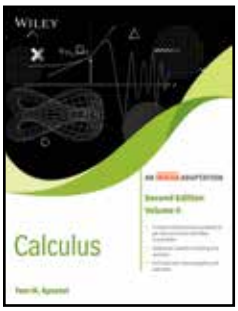

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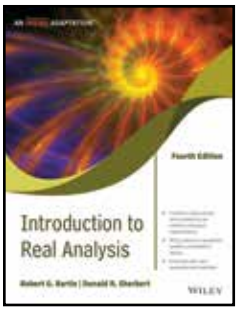

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Bartle

About the Author

Robert G. Bartle was an American mathematician specializing in real analysis.

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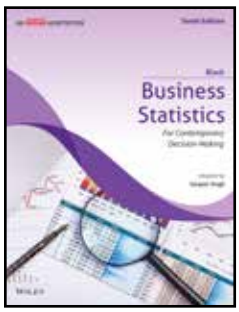

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Black, Singh

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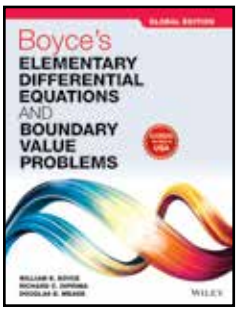

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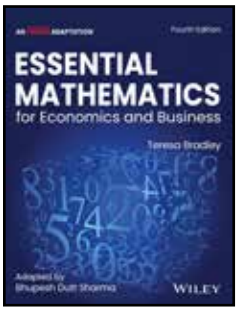

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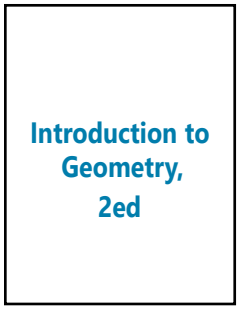

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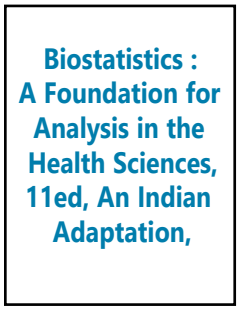

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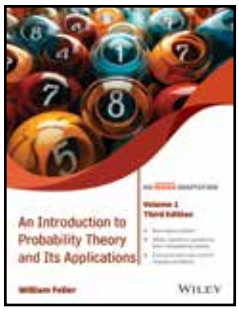

An Introduction to Probability Theory and Its Applications, Vol. 1, 3ed, An Indian Adaptation | New | e | k

Feller

About the Author

William ""Vilim"" Feller worked on mathematical probability using Kolmogorov's measure theoretic formulation. His approach was pure mathematical, but he did study applications of probability, particularly to genetics. He transformed the relation between Markov processes and partial differential equations. Later he put his results in a functional analysis framework. Feller made notable contributions to the mathematical theory of Brownian motion and diffusion processes during the years 1930-1960.

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Topics in Algebra, 2ed, An Indian Adaptation | e | k

Herstein

About the Author

Israel Nathan Herstein was a mathematician, appointed as professor at the University of Chicago in 1951. He worked on a variety of areas of algebra, including ring theory, with over 100 research papers and over a dozen books. • Table of Contents

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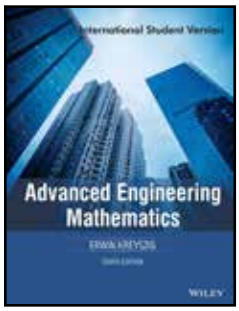

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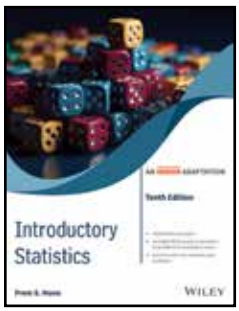

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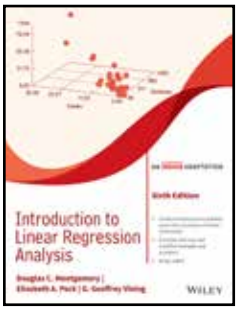

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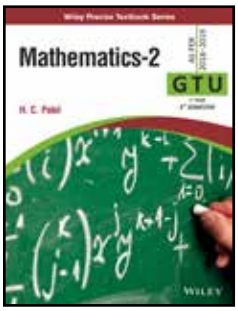

Mathematics-2 : As per GTU 1st Year 2nd Semester | k

Patel

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H. C. Patel is a Professor of Mathematics, General Department, L. D. College of Engineering, Ahmedabad, Gujarat, India. His areas of specialization are Engineering Mathematics and Tribology (Fluid Dynamics). He has 18+ years of quality teaching experience and holds prestigious memberships in various renowned professional bodies. In addition to have attended numerous international conferences, Prof. (Dr.) Patel has many articles, research papers and works to his credit in various national and international journals, conferences, seminars, etc.

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Engineering Optimization: Theory and Practice, 5ed, An Indian Adaptation | IM | e | k

Rao

About the Author

Singiresu S. Rao is a Professor in the Mechanical and Aerospace Engineering Department at the University of Miami. His main areas of research include multi objective optimization and uncertainty models in engineering analysis, design and optimization.

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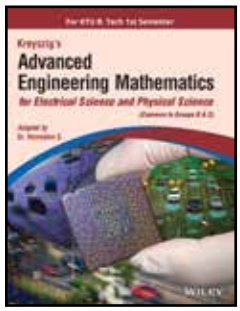

Kreyszig's Advanced Engineering Mathematics for Electrical Science and Physical Science (Common to Groups B & C) | New

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Mathematics for Computer and Information Science For KTU B. Tech Semester 1 (Group A) | New

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Mathematics for Computer and Information Science (Group A) For KTU B.Tech Second Semester | New

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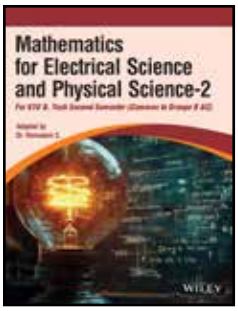

Mathematics for Electrical Science and Physical Science - 2 (Common to Groups B & C) For KTU B.Tech Second Semester | New

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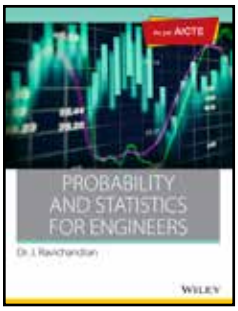

Probability and Statistics for Engineers: As per AICTE | IM | e

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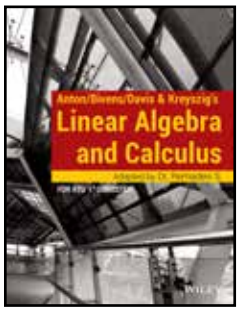

Anton/Bivens/Davis & Kreyszig's Linear Algebra and Calculus, For KTU 1st Semester | e | k

Remadevi S.

Description

The tenth edition of this bestselling text includes examples in more detail and more applied exercises; both changes are aimed at making the material more relevant and accessible to readers. Kreyszig introduces engineers and computer scientists to advanced math topics as they relate to practical problems. It goes into the following topics at great depth differential equations, partial differential equations, Fourier analysis, vector analysis, complex analysis, and linear algebra/differential equations.

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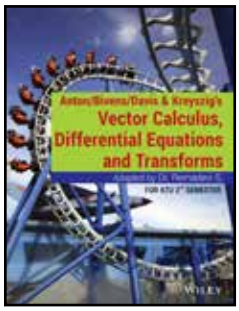

Anton/Bivens/Davis & Kreyszig's Vector Calculus, Differential Equations and Transforms, For KTU 2nd Sem | e | k

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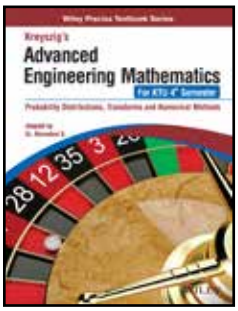

Kreyszig's Advanced Engineering Math, For KTU 4th Sem: Probability Distributions, Transforms & Numerical Methods | e | k

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Dr. Remadevi S. is presently working as Professor in Mathematics and Head of Department of Applied Science in Government Model Engineering College, Thrikkakara, Cochin, Kerala. She has more than 25 years of teaching experience in Engineering Colleges with a good command over the subject.

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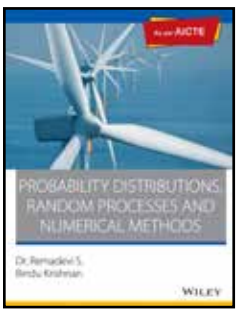

Probability Distributions, Random Process and Numerical Methods: As per AICTE | e

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Dr. Remadevi S. is presently working as Professor in Mathematics and Head of Department of Applied Science in Government Model Engineering College, Thrikkakara, Cochin, Kerala. She has more than 25 years of teaching experience in engineering colleges with a good command over the subject.

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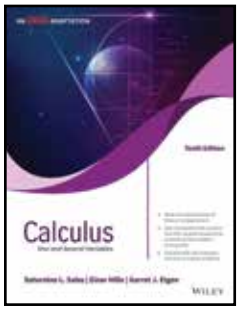

Calculus: One and Several Variables,10ed, An Indian Adaptation | IM | e | k

Salas

About the Author

Saturnino L. Salas is the author of various Wiley calculus textbooks.

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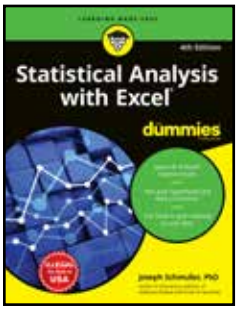

Statistical Analysis with Excel for Dummies, 4ed | e

Schmuller

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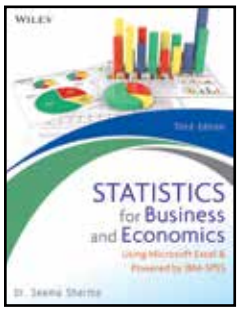

Statistic for Business and Economics : Using Microsoft Excel & Powered by IBM-SPSS, 3ed | e

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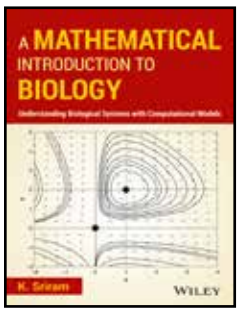

A Mathematical Introduction to Biology : Understanding Biological Systems with Computational Models | New | e

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• Preface • About the Book • About the Author • Acknowledgment • Introduction to Cell Biology and Biochemistry • Introduction • Signalling Pathways in a Cell • Time Scales in Cellular Signalling • DNA, Promoters, Enhancers, and Silencers • Transcriptional Unit in a Cell • Translational Unit in a Cell • Post-Translation Modification • Metabolic Pathways • Homoeostasis and Adaptation • Motifs • Modules • ODEs are the Most Preferred Way of Modelling Biological Systems • Biochemical Modelling and Dynamical Systems Theory • Noise in Biological Systems • Role of Mathematical Models in Biology • Problems of Modelling Biological Systems • Broad Steps to Follow to Model the Biological Systems • Basic Requirements to Carry Out Mathematical Modelling in Biology • Summary • References • 1 Basic Calculus and Algebra • 1.1 Introduction • 1.2 Types of Function • 1.2.1 Power Function • 1.2.2 Linear Function • 1.2.3 Parabolic Function • 1.2.4 Cubic Function • 1.3 Exponential Function • 1.3.1 Logarithm • 1.3.2 Polynomial Function, Maxima, Minima, and the Inflexion Point • 1.3.3 Extremum: Maxima, Minima, and an Inflection Point • 1.3.4 Extrema of the Ratio of Polynomials • 1.4 Rational Functions • 1.4.1 Vertical and Horizontal Asymptotes • 1.4.2 Hyperbolic and Sigmoidal Function • 1.5 Zeros of a Function • 1.5.1 Quadratic • 1.5.2 Higher Order: Cubic Equation • 1.6 Composite Functions • 1.7 Important Integrals • Summary • Practice Zone • References •

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Pre-Calculus For Dummies, 3ed | New

Sterling

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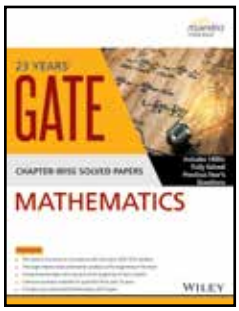

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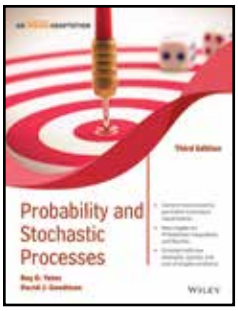

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Yates

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Gene Cloning and DNA Analysis: An Introduction, 8ed, An Indian Adaptation (Exclusively distributed by CBS Publishers & Distributors)

Brown

About the Author

T. A. BROWN University of Manchester, Manchester, United Kingdom

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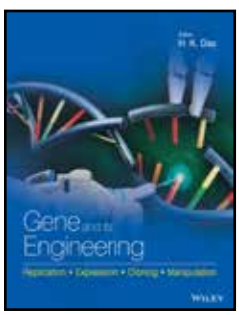

Gene and Its Engineering (Exclusively distributed by CBS Publishers & Distributors)

Das

About the Author

Professor H.K. Das is one of the pioneers who initiated Molecular Biology teaching and research in India. He developed the Molecular Biology course in the Department of Biochemistry, University of Calcutta and taught the course for 4 years. After a stint in the USA with Stanford University School of Medicine, University of California & University of Virginia, Charlottesville, he joined the Indian Agricultural Research Institute in New Delhi, where he developed three Molecular Biology courses (Mol Bio I, II and III) and taught one of the courses. Professor Das developed two

Molecular Biology courses in the School of Life Sciences and then in the Centre for Biotechnology, Jawaharlal Nehru University, New Delhi and continued to teach there till his retirement.

Professor Das contributed significantly in the formulation of broad guidelines for teaching Biotechnology in India as a member of the Task Force appointed for this purpose during 1984-1985. He was also a member of the committee that formulated the Recombinant DNA Safety Guidelines and Regulations, which was published by the Department of Biotechnology, Government of India, in 1990. He was a member of the Editorial Board of the Indian Journal of Biochemistry & Biophysics during 2005-2008. Professor Das is still active in his field of research. He has published 47 original papers in peer-reviewed reputed international journals like Journal of Biological Chemistry, Journal of Molecular Biology and Nucleic Acids Research, 18 original papers in peer reviewed reputed national journals and 4 book chapters

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Genetic Engineering : Replication, Expression, Cloning, Manipulation | e | k

Das

About the Author

Professor H.K. Das is one of the pioneers who initiated Molecular Biology teaching and research in India. He developed the Molecular Biology course in the Department of Biochemistry.

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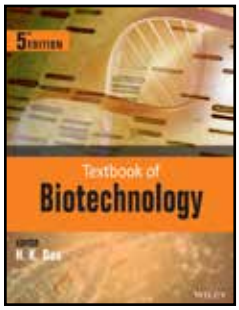

Textbook of Biotechnology, 5ed | e | k

Das

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Dr. H. K. Das has been the Member, Editorial Board, Indian Journal of Biochemistry & Biophysics, since 2005. He started as a Research Fellow and Honorary Lecturer in Department of Biochemistry, Calcutta University, Calcutta, in 1955 and continued till 1964. From 1964–1967 he worked as a Research Associate at Stanford University School of Medicine, Stanford, California, USA with Prof. Avram Goldstein. He taught as a Lecturer in Department of Biochemistry, Calcutta University, Calcutta, from 1967 to 1969 and then moved to Indian Agricultural Research Institute, New Delhi, as Senior Biochemist, Division of Biochemistry.

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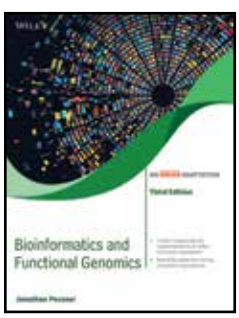

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Pevsner

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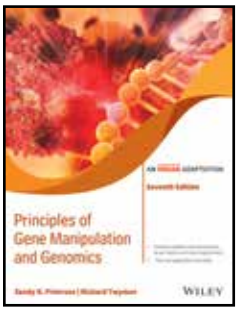

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Primrose

About the Author

Sandy B. Primrose and Richard Twyman

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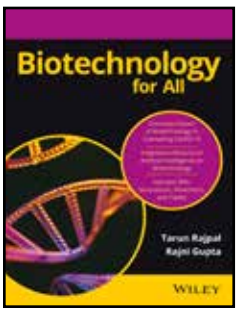

Biotechnology for All | New | e

Rajpal

About the Author

Dr. Tarun Rajpal completed his schooling at Salwan Public School, New Delhi, where he achieved the highest marks in the CBSE annual examinations in Biotechnology, becoming the All India CBSE topper in the subject. He pursued higher studies in Life Sciences at Kirori Mal College, University of Delhi, and was a Gold Medallist and college topper throughout his academic career. Dr. Rajpal is an academician par excellence, known for developing a novel drug to cure diseases caused by retroviruses. He holds seven patents, which are utilized by various organizations globally.

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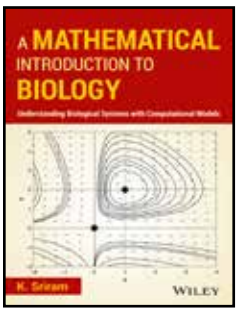

A Mathematical Introduction to Biology : Understanding Biological Systems with Computational Models | New | e

Sriram

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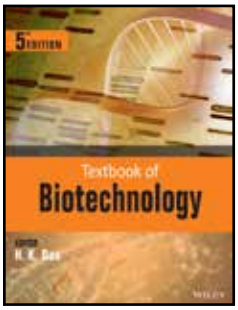

Textbook of Biotechnology, 5ed | e | k

Das

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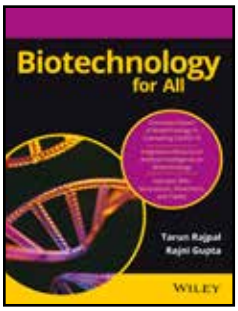

Biotechnology for All | New | e

Rajpal

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Dr. Tarun Rajpal completed his schooling at Salwan Public School, New Delhi, where he achieved the highest marks in the CBSE annual examinations in Biotechnology, becoming the All India CBSE topper in the subject. He pursued higher studies in Life Sciences at Kirori Mal College, University of Delhi, and was a Gold Medallist and college topper throughout his academic career. Dr. Rajpal is an academician par excellence, known for developing a novel drug to cure diseases caused by retroviruses. He holds seven patents, which are utilized by various organizations globally.

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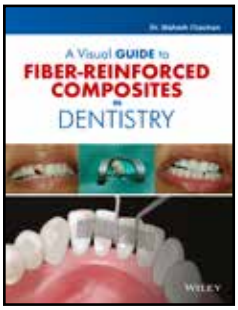

A Visual Guide to Fiber-Reinforced Composites in Dentistry | e | k

Chauhan

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Dr. Mahesh Chauhan is a Gold Medalist graduate from Maulana Azad Institute of Dental Sciences, New Delhi, Delhi University 1990. He was an Adjunct Assistant Professor at The Ohio State University College of Dentistry Columbus Ohio USA in 1994 - 1995. After coming back to India in 1995 he established Mother Dental Implant Clinic in New Delhi, India. He's been in clinical practice for more than 25 years now. Dr. Chauhan has lectured and taught extensively at the National and International level on Oral Implantology, Restorative Dentistry, and Esthetic Dentistry.

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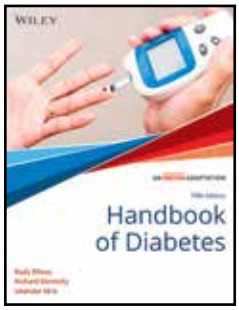

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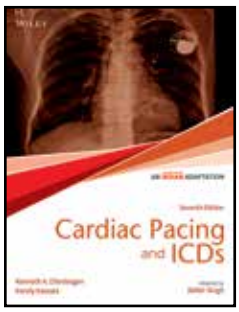

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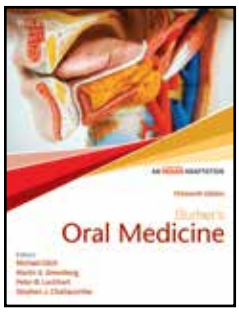

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Glick

About the Author

Michael Glick, Martin S. Greenberg, Peter B. Lockhart, Stephen J. Challacombe

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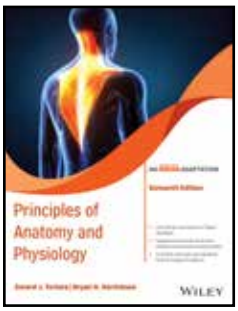

Principles of Anatomy and Physiology, Textbook & Study Guide, 16ed, Set of 2 Books, An Indian Adaptation (Exclusively distributed by CBS Publishers & Distributors)

Tortora

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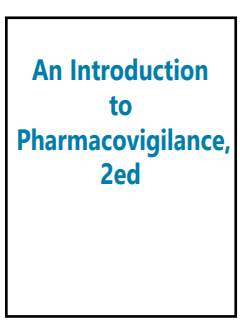

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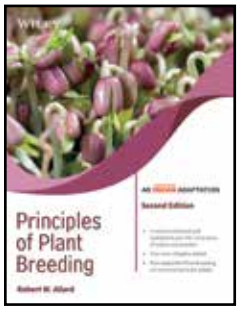

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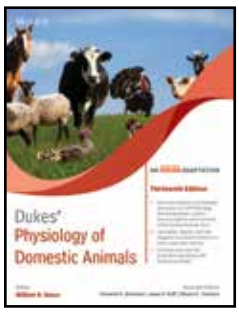

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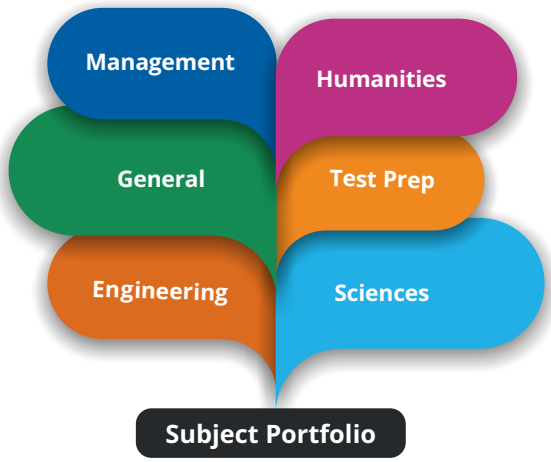

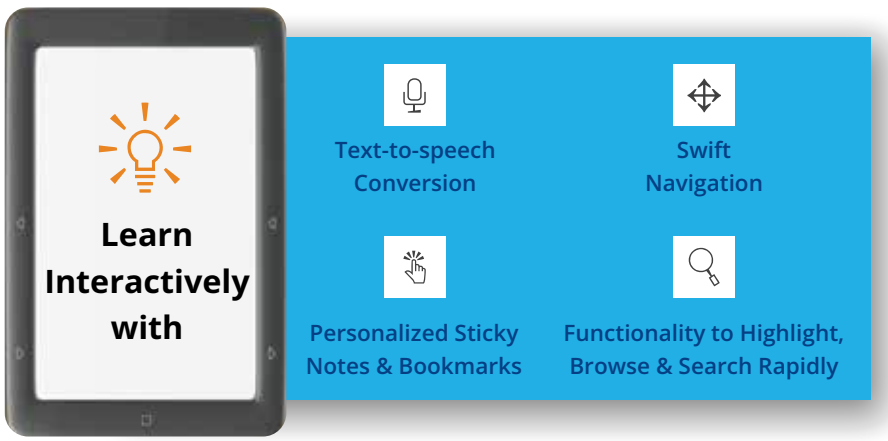

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