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MATHEMATICS FOR OPERATIONS RESEARCH

Courier Corporation Practical and applications-oriented, this text explains effective procedures for performing mathematical tasks that arise in many fields, including operations research, engineering, systems sciences, statistics, and economics. Most of the examples and many of the 1,300 problems illustrate techniques, and nearly all of the tables display reference material for procedures. 1978 edition.

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Courier Dover Publications Enhanced by many worked examples, problems, and solutions, this in-depth text is suitable for undergraduates and presents a great deal of information previously only available in specialized and hard-to-find texts. 1981 edition.

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Courier Corporation This text begins with the essentials, advancing to applications and studies of physical disciplines, including classical and irreversible thermodynamics, electrodynamics, and the theory of gauge fields. Geared toward advanced undergraduates and graduate students, it develops most of the theory and requires only a familiarity with upper-division algebra and mathematical analysis. "Essential." — SciTech Book News. 1985 edition.

A BOOK OF SET THEORY

Courier Corporation Accessible approach to set theory for upper-level undergraduates poses rigorous but simple arguments. Topics include classes and sets, functions, natural and cardinal numbers, arithmetic of ordinal numbers, and more. 1971 edition with new material by author.

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Courier Corporation Clear, coherent work for graduate-level study discusses the Maxwell field equations, radiation from wire antennas, wave aspects of radio-astronomical antenna theory, the Doppler effect, and more.

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MUSICAL STRUCTURE AND DESIGN

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THE GODELIAN PUZZLE BOOK

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THOMAS' CALCULUS

Pearson Education India

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APPLIED CALCULUS

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STUDENT SOLUTIONS MANUAL TO ACCOMPANY CALCULUS: ONE AND SEVERAL VARIABLES, 9TH EDITION

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APPLIED CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES

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THE THEORY OF LINEAR VISCOELASTICITY

Courier Dover Publications This concise introduction to the concepts of viscoelasticity focuses on stress analysis. Three detailed sections present examples of stress-related problems, including sinusoidal oscillation problems, quasi-static problems, and dynamic problems. 1960 edition.

MATHEMATICAL LOGIC

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Courier Dover Publications Concise volume for general students by prominent philosopher and mathematician explains what math is and does, and how mathematicians do it. "Lucid and cogent ... should delight you." — The New York Times. 1911 edition.

FLUID MECHANICS

Courier Corporation Structured introduction covers everything the engineer needs to know: nature of fluids, hydrostatics, differential and integral relations, dimensional analysis, viscous flows, more. Solutions to selected problems. 760 illustrations. 1985 edition.

COLLEGE ALGEBRA AND CALCULUS: AN APPLIED APPROACH

Cengage Learning COLLEGE ALGEBRA AND CALCULUS: AN APPLIED APPROACH, Second Edition provides your students a comprehensive resource for their college algebra and applied calculus courses. The mathematical concepts and applications are consistently presented in the same tone and pedagogy to promote confidence and a smooth transition from one course to the next. The consolidation of content for two courses in a single text saves you time in your course--and saves your students the cost of an extra textbook. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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Courier Corporation This classic graduate-level volume was the first general but simple introduction to the fields of plasma and fusion research. Since its original publication in 1956, it has served as a valuable reference. Designed for those who have had an introductory course in theoretical physics but are otherwise unacquainted with the detailed kinetic theory of gases, it chiefly emphasizes macroscopic equations and their consequences. The contents are restricted to topics offering a theoretical understanding of plasma and fusion research. Subjects include the motion of a particle, macroscopic behavior of a plasma, waves in a plasma, equilibria and their stability, and encounters between changed particles. A helpful appendix offers background on the Boltzmann equation. Author Lyman Spitzer, Jr., was the first to propose the idea of placing a large telescope in space, and he was the driving force behind the development of the Hubble Space Telescope. Founder and director of Princeton's Plasma Physics Laboratory, a pioneering program in controlled thermonuclear research, Spitzer taught and inspired a generation of plasma physicists.

ADVANCED CALCULUS

AN INTRODUCTION TO CLASSICAL ANALYSIS

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APPLICATIONS OF GROUP THEORY IN QUANTUM MECHANICS

Courier Corporation Geared toward theoretical physicists, this advanced text explores the value of modern group-theoretical methods in quantum theory. It explains the theory of groups and their matrix representations, developing them to the level required for applications. The main focus rests upon point and space groups, with applications to electronic and vibrational states. 1969 edition.

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Cengage Learning Prepare for exams and succeed in your mathematics course with this comprehensive solutions manual! Featuring worked out-solutions to the problems in APPLIED CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES, 9th Edition, this manual shows you how to approach and solve problems using the same step-by-step explanations found in your textbook examples.

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MATHEMATICS

PROBABILITY TOWARDS 2000

Springer Science & Business Media Senior probabilists from around the world with widely differing specialities gave their visions of the state of their specialty, why they think it is important, and how they think it will develop in the new millenium. The volume includes papers given at a symposium at Columbia University in 1995, but papers from others not at the meeting were added to broaden the coverage of areas. All papers were refereed.

APPLIED MULTIVARIATE ANALYSIS

USING BAYESIAN AND FREQUENTIST METHODS OF INFERENCE, SECOND EDITION

Courier Corporation This two-part treatment deals with foundations as well as models and applications. Topics include continuous multivariate distributions; regression and analysis of variance; factor analysis and latent structure analysis; and structuring multivariate populations. 1982 edition.

CALCULUS

BASIC CONCEPTS AND APPLICATIONS

CUP Archive Here is a textbook of intuitive calculus. The material is presented in a concrete setting with many examples and problems chosen from the social, physical, behavioural and life sciences. Chapters include core material and more advanced optional sections. The book begins with a review of algebra and graphing.

FINITE MATH AND APPLIED CALCULUS

Cengage Learning Full of relevant, diverse, and current real-world applications, Stefan Waner and Steven Costenoble's FINITE MATHEMATICS AND APPLIED CALCULUS, Sixth Edition helps you relate to mathematics. A large number of the applications are based on real, referenced data from business, economics, the life sciences, and the social sciences. Thorough, clearly delineated

spreadsheet and TI Graphing Calculator instruction appears throughout the book. Acclaimed for its readability and supported by the authors' popular website, this book will help you grasp and understand mathematics--whatever your learning style may be. Available with InfoTrac Student Collections http://gocengage.com/infotrac. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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FOURTH EDITION, LARSON/HOSTETLER/EDWARDS. SOLUTIONS

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Courier Corporation Exceptionally clear exposition of an important mathematical discipline and its applications to sociology, economics, and psychology. Topics include calculus of finite differences, difference equations, matrix methods, and more. 1958 edition.