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Mathematical Handbook For Scientists And Engineers: Definitions, Theorems, And Formulas For Reference And Review (Dover Civil And Mechanical Engineering)

MATHEMATICAL HANDBOOK FOR SCIENTISTS AND ENGINEERS

Definitions, Theorems, and Formulas for Reference and Review

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Synopsis

Anyone whose work involves mathematics and its methodology \tilde{A} ¢ $\hat{a} \neg \hat{a} \cdot$ especially engineers and scientists \tilde{A} ¢ $\hat{a} \neg \hat{a} \cdot$ will appreciate this authoritative handbook, which provides convenient access to information from every area of mathematics. A reliable source of helpful definitions, theorems, and formulas, it features an easy-to-follow format outlining mathematical methods for speedy, accurate solutions to the most demanding problems. Among the topics covered are Fourier transforms, z transforms, linear and nonlinear programming, calculus of variations, random-process theory, special functions, combinatorial analysis, numerical methods, game theory, and much more. By concisely tabulating related formulas and omitting proofs, the authors have packed a remarkably large amount of material into a single, handy volume. Appropriate introductions, notes, and cross-references appear throughout the text, showing the interrelations of various topics and their significance to science and engineering. Illustrated throughout with numerous figures and tables, this volume represents a valuable resource for both students and professionals.

Book Information

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Customer Reviews

Another classic.

Very fast service, book as close to new as you could ask for and the wrapping assuring it stayed in good condition in transit. The book has an enormous amount of mathematics. My only wish was that the inner product notation in regard to the abstract approach to vector spaces -- such as the inner

product -- were summarized in a more useful way, such as Dirac's bra-ket notation. But this is a minor point about this excellent handbook.

totalmente recomendable

Really useful handbook for all math definitions and equations. Great buy!

Excellent tool for engineers and studentsI my work as manager for R&D in the field of HV power transmission this handbook has been very helpful

I have both the "hardcover" and "paperback" copies of this book. I feel that this is the "BEST" handbook of mathematics I have reviewed. It is both through and concise. The topical structure and layout of the book is excellent! The paperback is a convenient size, it fits easily within a briefcase. I most strongly recommend this book to any engineer, mathematician, physicist, etc.

This Handbook has quite a lot of more formal math in it.Rade and Westergren's modern Handbook is more useful for finding the engineering equations you need, without all the formal stuff. I find both useful in different ways.

This is a great resource. It has been awhile since I took Calculus. The book has helped refresh my memory.

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