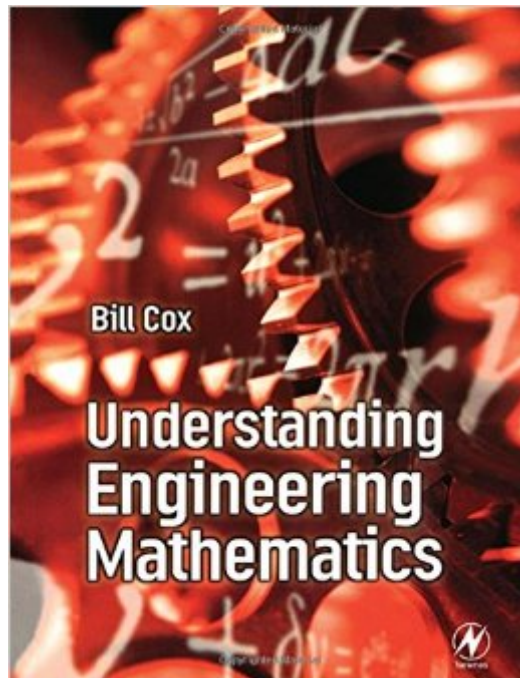


The book was found

# Understanding Engineering Mathematics



## Synopsis

\* Unique interactive style enables students to diagnose their strengths and weaknesses and focus their efforts where needed\* Ideal for self-study and tutorial work, building from an initially supportive approach to the development of independent learning skills \* Free website includes solutions to all exercises, additional topics and applications, guide to learning mathematics, and practice material

Students today enter engineering courses with a wide range of mathematical skills, due to the many different pre-university qualifications studied. Bill Cox's aim is for students to gain a thorough understanding of the maths they are studying, by first strengthening their background in the essentials of each topic. His approach allows a unique self-paced study style, in which students Review their strengths and weaknesses through self-administered diagnostic tests, then focus on Revision where they need it, to finally Reinforce the skills required. The book is structured around a highly successful 'transition' maths course at Aston University which has demonstrated a clear improvement in students' achievement in mathematics, and has been commended by QAA Subject Review and engineering accreditation reports. A core undergraduate text with a unique interactive style that enables students to diagnose their strengths and weaknesses and focus their efforts where needed

Ideal for self-paced self-study and tutorial work, building from an initially supportive approach to the development of independent learning skills Lots of targeted examples and exercises

## Book Information

Paperback: 560 pages

Publisher: Butterworth-Heinemann; 1 edition (December 11, 2001)

Language: English

ISBN-10: 0750650982

ISBN-13: 978-0750650984

Product Dimensions: 7.4 x 1.2 x 9.7 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #4,221,727 in Books (See Top 100 in Books) #35 in [Books > Children's Books > Education & Reference > Math > Advanced](#) #24395 in [Books > Science & Math > Mathematics > Applied](#) #24539 in [Books > Textbooks > Engineering](#)

## Customer Reviews

This book is an indispensable resource for engineering students, both beginners and people

returning to school. The chapters provide insight into the fundamentals of complex mathematics and practical methods.

[Download to continue reading...](#)

A Primer For The Mathematics Of Financial Engineering, Second Edition (Financial Engineering Advanced Background Series) Understanding Engineering Mathematics How to Bake Pi: An Edible Exploration of the Mathematics of Mathematics The Birth of Mathematics: Ancient Times to 1300 (Pioneers in Mathematics) Practical Problems in Mathematics for Heating and Cooling Technicians (Practical Problems In Mathematics Series) Practical Problems in Mathematics for Heating and Cooling Technicians (Applied Mathematics) Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades 3-5 (Volume II) (2nd Edition) (Teaching Student-Centered Mathematics Series) The Stanford Mathematics Problem Book: With Hints and Solutions (Dover Books on Mathematics) The Mathematics of Medical Imaging: A Beginner's Guide (Springer Undergraduate Texts in Mathematics and Technology) Introduction to the Mathematics of Finance: From Risk Management to Options Pricing (Undergraduate Texts in Mathematics) Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades Pre-K-2 (Volume I) (2nd Edition) (Teaching Student-Centered Mathematics Series) Advanced Mathematics: Precalculus With Discrete Mathematics and Data Analysis Essentials Of Discrete Mathematics (The Jones & Bartlett Learning International Series in Mathematics) Higher Engineering Mathematics, Fourth Edition Engineering Mathematics Interactive: CD-ROM pack STEM Lesson Essentials, Grades 3-8: Integrating Science, Technology, Engineering, and Mathematics Solutions Manual - A Primer For The Mathematics Of Financial Engineering, Second Edition Basic Engineering Mathematics Higher Engineering Mathematics Mathematics for Electrical Engineering and Computing

[Dmca](#)