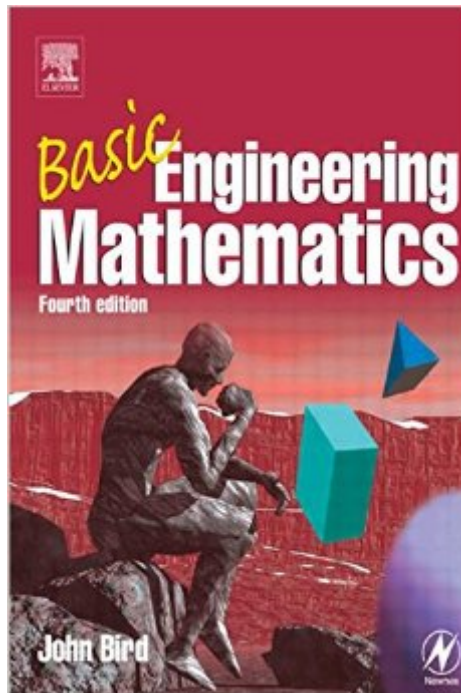


The book was found

# Basic Engineering Mathematics, Fourth Edition



## Synopsis

Unlike most engineering maths texts, this book does not assume a firm grasp of GCSE maths, and unlike low-level general maths texts, the content is tailored specifically for the needs of engineers. The result is a unique book written for engineering students, which takes a starting point below GCSE level. Basic Engineering Mathematics is therefore ideal for students of a wide range of abilities, and especially for those who find the theoretical side of mathematics difficult. All students taking vocational engineering courses who require fundamental knowledge of mathematics for engineering and do not have prior knowledge beyond basic school mathematics, will find this book essential reading. The content has been designed primarily to meet the needs of students studying Level 2 courses, including GCSE Engineering and Intermediate GNVQ, and is matched to BTEC First specifications. However Level 3 students will also find this text to be a useful resource for getting to grips with the essential mathematics concepts needed for their study, as the compulsory topics required in BTEC National and AVCE / A Level courses are also addressed. The fourth edition incorporates new material on adding waveforms, graphs with logarithmic scales, and inequalities - key topics needed for GCSE and Level 2 study. John Bird's approach is based on numerous worked examples, supported by 600 worked problems, followed by 1050 further problems within exercises included throughout the text. In addition, 15 Assignments are included at regular intervals. Ideal for use as tests or homework, full solutions to the Assignments are supplied in the accompanying Instructor's Manual, available as a free download for lecturers from <http://textbooks.elsevier.com>. \* Unique in introducing fundamental mathematics from an engineering perspective, with a starting point below GCSE level\* Fully matched to BTEC First and BTEC National core unit specifications\* Free instructor's manual available to download - contains worked solutions and suggested mark scheme

## Book Information

Paperback: 304 pages

Publisher: Newnes; 4 edition (April 19, 2005)

Language: English

ISBN-10: 0750665750

ISBN-13: 978-0750665759

Product Dimensions: 7.4 x 0.6 x 9.7 inches

Shipping Weight: 1.3 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,404,787 in Books (See Top 100 in Books) #31 in Books > Children's Books > Education & Reference > Math > Advanced #20174 in Books > Science & Math > Mathematics > Applied #26870 in Books > Textbooks > Science & Mathematics > Mathematics

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

Basic Engineering Mathematics, Fourth Edition Higher Engineering Mathematics, Fourth Edition A Primer For The Mathematics Of Financial Engineering, Second Edition (Financial Engineering Advanced Background Series) Basic Engineering Mathematics, Third Edition Basic Engineering Mathematics Basic Engineering Mathematics Interactive: CD-ROM pack Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades 3-5 (Volume II) (2nd Edition) (Teaching Student-Centered Mathematics Series) Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades Pre-K-2 (Volume I) (2nd Edition) (Teaching Student-Centered Mathematics Series) Modern Fortran Explained (Numerical Mathematics and Scientific Computation) 4th (Fourth) Edition 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) 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) Advanced Mathematics: Precalculus With Discrete Mathematics and Data Analysis Essentials Of Discrete Mathematics (The Jones & Bartlett Learning International Series in Mathematics) Solutions Manual - A Primer For The Mathematics Of Financial Engineering, Second Edition Geometry, Relativity and the Fourth Dimension (Dover Books on Mathematics)

[Dmca](#)