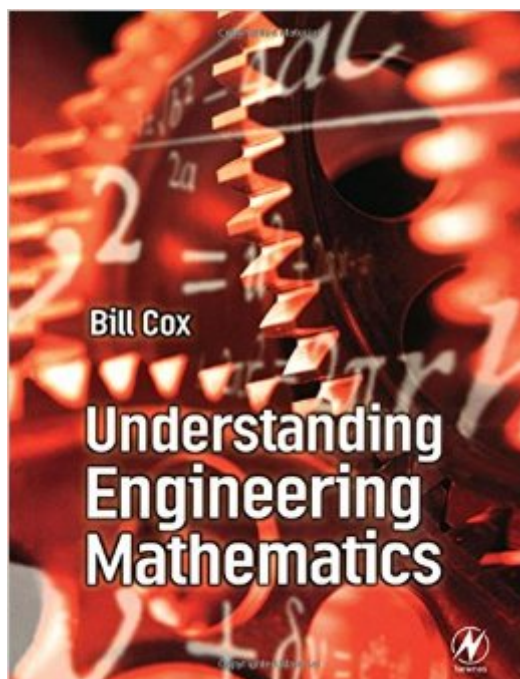


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# Understanding Engineering Mathematics



## 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

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

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