



Engineering Mathematics

By John Bird BSc (Hons) CEng CMath CSci FIET MIEE FIIE FIMA FCollT

Download now

Read Online 

Engineering Mathematics By John Bird BSc (Hons) CEng CMath CSci FIET MIEE FIIE FIMA FCollT

John Bird's approach to mathematics, based on numerous worked examples supported by problems, is ideal for students of a wide range of abilities. Theory is kept to a minimum, with the emphasis firmly placed on problem-solving skills, making this a thoroughly practical introduction to the mathematics engineering students need to master.

The book presents a logical topic progression, rather than following the structure of a particular syllabus and is suitable for all Level 3 vocational students and first year undergraduates in Engineering. However, coverage has been carefully matched to the mathematics units within the 2007 BTEC National specifications.

In this fifth edition, new material on inequalities and differentiation of parametric equations, implicit and logarithmic functions as well as an introduction to differential equations has been added. The book now also includes two new revision tests and even more problems for students to work through.

Additional chapters on linear correlation, linear regression and sampling and estimation theories can be downloaded for **free** from
<http://books.elsevier.com/companions/9780750685559>

Support material for tutors is available as a **free** download at
<http://textbooks.elsevier.com>:

- Instructor's manual with full solutions and suggested marking scheme for all 18 revision tests in the book
- Solutions manual with worked solutions for about 1,250 of the further problems in the book
- Electronic files for all illustrations in the book

* New colour layout helps navigation and highlights key learning points, formulae and exercises

* Over 1,000 worked examples and 2,000 questions, all with answers

- * Fully up to date with the 2007 BTEC National specification
- * Free lecturer support material available via textbooks.elsevier.com

 [Download Engineering Mathematics ...pdf](#)

 [Read Online Engineering Mathematics ...pdf](#)

Engineering Mathematics

By John Bird BSc (Hons) CEng CMath CSci FIET MIEE FIIE FIMA FCollT

Engineering Mathematics By John Bird BSc (Hons) CEng CMath CSci FIET MIEE FIIE FIMA FCollT

John Bird's approach to mathematics, based on numerous worked examples supported by problems, is ideal for students of a wide range of abilities. Theory is kept to a minimum, with the emphasis firmly placed on problem-solving skills, making this a thoroughly practical introduction to the mathematics engineering students need to master.

The book presents a logical topic progression, rather than following the structure of a particular syllabus and is suitable for all Level 3 vocational students and first year undergraduates in Engineering. However, coverage has been carefully matched to the mathematics units within the 2007 BTEC National specifications.

In this fifth edition, new material on inequalities and differentiation of parametric equations, implicit and logarithmic functions as well as an introduction to differential equations has been added. The book now also includes two new revision tests and even more problems for students to work through.

Additional chapters on linear correlation, linear regression and sampling and estimation theories can be downloaded for **free** from <http://books.elsevier.com/companions/9780750685559>

Support material for tutors is available as a **free** download at <http://textbooks.elsevier.com>:

- Instructor's manual with full solutions and suggested marking scheme for all 18 revision tests in the book
- Solutions manual with worked solutions for about 1,250 of the further problems in the book
- Electronic files for all illustrations in the book

* New colour layout helps navigation and highlights key learning points, formulae and exercises

* Over 1,000 worked examples and 2,000 questions, all with answers

* Fully up to date with the 2007 BTEC National specification

* Free lecturer support material available via textbooks.elsevier.com

Engineering Mathematics By John Bird BSc (Hons) CEng CMath CSci FIET MIEE FIIE FIMA FCollT
Bibliography

- Sales Rank: #4247018 in Books
- Brand: Brand: Taylor and Francis
- Published on: 2007-08-25
- Original language: English
- Number of items: 1
- Dimensions: 1.23" h x 7.71" w x 10.23" l, 3.05 pounds
- Binding: Paperback
- 584 pages

 [**Download** Engineering Mathematics ...pdf](#)

 [**Read Online** Engineering Mathematics ...pdf](#)

Editorial Review

Review

"Very informative, exactly what I was looking for! [...] it has been indispensable."

Amazon.co.uk reader review of a previous edition

From the Back Cover

A practical introduction to the core maths needed for engineering studies and practice

- * New colour layout helps navigation and highlights key learning points, formulae and exercises
- * Over 1,000 worked examples and 2,000 questions, all with answers
- * Fully up to date with the 2007 BTEC National specification

John Bird's approach to mathematics, based on numerous worked examples supported by problems, is ideal for students of a wide range of abilities. Theory is kept to a minimum, with the emphasis firmly placed on problem-solving skills, making this a thoroughly practical introduction to the mathematics engineering students need to master.

The book presents a logical topic progression, rather than following the structure of a particular syllabus and is suitable for all Level 3 vocational students and first year undergraduates in Engineering. However, coverage has been carefully matched to the mathematics units within the 2007 BTEC National specifications.

In this fifth edition, new material on inequalities and differentiation of parametric equations, implicit and logarithmic functions as well as an introduction to differential equations has been added. The book now also includes two new revision tests and even more problems for students to work through.

Additional chapters on linear correlation, linear regression and sampling and estimation theories can be downloaded for **free** from <http://books.elsevier.com/companions/9780750685559>

Support material for tutors is available as a **free** download at <http://textbooks.elsevier.com>:

- * Instructor's manual with full solutions and suggested marking scheme for all 18 revision tests in the book
- * Solutions manual with worked solutions for about 1,250 of the further problems in the book
- * Electronic files for all illustrations in the book

About the Author

John Bird, the author of over 100 textbooks on engineering and mathematical subjects, is the former Head of Applied Electronics in the Faculty of Technology at Highbury College, Portsmouth, U.K. More recently, he has combined freelance lecturing at Portsmouth University, with technical writing and Chief Examiner responsibilities for City and Guilds Telecommunication Principles and Mathematics, and examining for the International Baccalaureate Organisation. **John Bird** is currently a Senior Training Provider at the Royal Naval School of Marine Engineering in the Defence College of Marine and Air Engineering at H.M.S. Sultan, Gosport, Hampshire, U.K. The school, which serves the Royal Navy, is one of Europe's largest engineering training establishments.

Users Review

From reader reviews:

Clarence Guyer:

This Engineering Mathematics book is absolutely not ordinary book, you have it then the world is in your hands. The benefit you get by reading this book will be information inside this guide incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Engineering Mathematics without we know teach the one who reading it become critical in thinking and analyzing. Don't possibly be worry Engineering Mathematics can bring when you are and not make your case space or bookshelves' become full because you can have it within your lovely laptop even phone. This Engineering Mathematics having good arrangement in word as well as layout, so you will not experience uninterested in reading.

Glenn Hancock:

As people who live in typically the modest era should be revise about what going on or info even knowledge to make them keep up with the era which can be always change and make progress. Some of you maybe will certainly update themselves by examining books. It is a good choice to suit your needs but the problems coming to a person is you don't know what one you should start with. This Engineering Mathematics is our recommendation to help you keep up with the world. Why, since this book serves what you want and need in this era.

Ronald Searle:

Now a day people who Living in the era just where everything reachable by talk with the internet and the resources included can be true or not involve people to be aware of each information they get. How many people to be smart in acquiring any information nowadays? Of course the reply is reading a book. Studying a book can help people out of this uncertainty Information particularly this Engineering Mathematics book since this book offers you rich information and knowledge. Of course the info in this book hundred pct guarantees there is no doubt in it as you know.

Vivian Regan:

Reading a guide tends to be new life style with this era globalization. With reading you can get a lot of information that may give you benefit in your life. Using book everyone in this world could share their idea. Books can also inspire a lot of people. A great deal of author can inspire all their reader with their story or even their experience. Not only the storyplot that share in the publications. But also they write about the knowledge about something that you need example. How to get the good score toefl, or how to teach children, there are many kinds of book which exist now. The authors on earth always try to improve their ability in writing, they also doing some research before they write on their book. One of them is this Engineering Mathematics.

**Download and Read Online Engineering Mathematics By John Bird
BSc (Hons) CEng CMath CSci FIET MIEE FIIE FIMA FCollT
#HRKPWXIV3OQ**

Read Engineering Mathematics By John Bird BSc (Hons) CEng CMATH CSCI FIET MIEE FIIE FIMA FCOLLT for online ebook

Engineering Mathematics By John Bird BSc (Hons) CEng CMATH CSCI FIET MIEE FIIE FIMA FCOLLT Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Engineering Mathematics By John Bird BSc (Hons) CEng CMATH CSCI FIET MIEE FIIE FIMA FCOLLT books to read online.

Online Engineering Mathematics By John Bird BSc (Hons) CEng CMATH CSCI FIET MIEE FIIE FIMA FCOLLT ebook PDF download

Engineering Mathematics By John Bird BSc (Hons) CEng CMATH CSCI FIET MIEE FIIE FIMA FCOLLT Doc

Engineering Mathematics By John Bird BSc (Hons) CEng CMATH CSCI FIET MIEE FIIE FIMA FCOLLT MobiPocket

Engineering Mathematics By John Bird BSc (Hons) CEng CMATH CSCI FIET MIEE FIIE FIMA FCOLLT EPub