



Engineering Science: For Foundation Degree and Higher National (Paperback)

By Mike Tooley, Lloyd Dingle

Taylor Francis Ltd, United Kingdom, 2012. Paperback. Book Condition: New. 274 x 220 mm. Language: English Brand New Book. Engineering Science will help you understand the scientific principles involved in engineering. Focusing primarily upon core mechanical and electrical science topics, students enrolled on an Engineering Foundation degree and Higher National Engineering qualification will find this book an invaluable aid to their learning. The subject matter covered includes sections on the mechanics of solids, dynamics, thermodynamics, electrostatics and electromagnetic principles, and AC and DC circuit theory. Knowledge-check questions, summary sections and activities are included throughout the book, and the necessary background mathematics is applied and integrated alongside the appropriate areas of engineering being studied. The result is a clear, straightforward and easily accessible textbook that encourages independent study and covers most of the scientific principles that students are likely to meet at this level. It is supported with a companion website at for students and lecturers: * Solutions to the Test your Knowledge questions in the book * Further guidance on essential mathematics * Extra chapters on vapour properties, cycles and plants * Downloadable SCILAB scripts that helps simplify advanced mathematical content.



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