Engineering Mathematics: A Foundation for Electronic, Electrical, Communications and Systems Engineers

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Pearson Education Limited, United Kingdom, 2012. Paperback. Book Condition: New. 4th Revised edition. 250 x 188 mm. Language: English . Brand New Book. Engineering Mathematics is the leading undergraduate textbook for Level 1 and 2 mathematics courses for electrical and electronic engineering, systems and communications engineering students. It includes a basic mathematics review, along with all the relevant maths topics required for these engineering degrees. Features * Students see the application of the maths they are learning to their engineering degree through the book s applications-focussed introduction to engineering mathematics, that integrates the two disciplines * Provides the foundation and advanced mathematical techniques most appropriate to students of electrical, electronic, systems and communications engineering, including: algebra, trigonometry and calculus, as well as set theory, sequences and series, Boolean algebra, logic and difference equations * Integral transform methods, including the Laplace, z and Fourier transforms are fully covered * Students learn and test their understanding of mathematical theory and the application to engineering with a huge number of examples and exercises with solutions New to this edition * New Engineering Example showcase feature, covering an extensive range of modern applications, including music technology, electric vehicles, offshore wind power and PWM solar...

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