Engineering Mathematics

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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.

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- 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

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- New **Engineering Example** showcase feature, covering an extensive range of modern applications, including music technology, electric vehicles, offshore wind power and PWM solar chargers
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