Mathematical Techniques: An Introduction for the Engineering, Physical, and Mathematical Sciences

Dominic Jordan, Peter Smith

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By breaking the subject into small, modular chapters, the book introduces and builds on concepts in a progressive, carefully-layered way - always with an emphasis on using math to the best effect, rather than relying on theoretical proofs.

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- Over 500 worked out examples offer the reader valuable guidance when tackling problems.
- Self-check questions and over 2,000 end of chapter problems provide extensive opportunities for students to actively master the concepts presented.
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- An Online Resource Centre features additional resources for lecturers and students, including figures from the book in electronic format, ready to download; a downloadable solutions manual featuring worked solutions to all end of chapter problems (password protected); and mathematical-based programs relating to the projects featured at the end of the book .

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