



Advanced Engineering Mathematics, 3rd Edition

Dennis G. Zill, Michael R. Cullen

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- o The entire text has been modernized to prepare engineers and scientists with the mathematical skills required to meet current technological challenges.
- o The new larger trim size and 2-color design make the text a pleasure to read and learn from.
- o Numerous NEW engineering and science projects contributed by top mathematicians have been added, and are tied to key mathematical topics in the text.
- o Divided into five major parts, the text's flexibility allows instructors to customize the text to fit their needs. The first eight chapters are ideal for a complete short course in ordinary differential equations.
- o The Gram-Schmidt orthogonalization process has been added in Chapter 7 and is used in subsequent chapters.
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- o Complete Instructor's Solutions: Includes all solutions to the exercises found in the text. PowerPoint Lecture Slides and additional instructor's resources are available online.
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