

Applied numerical methods with MATLAB for engineers and scientists

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Abstrak

Applied Numerical Methods with MATLAB for Engineering and Science is the newest book by best-selling author Steve Chapra. The new text uses MATLAB as the primary computing environment and focuses on applications. Theory is included only when it has direct use to the student; i.e., when theory informs the concepts. Information relating to the limitations of methods and to choosing among different methods is stressed throughout the book. The book includes algorithms, but the algorithms will be presented as MATLAB M-Files, rather than pseudocode. Chapra's familiar instructor- and student-friendly style and pedagogical features are hallmarks of this highly anticipated new text.