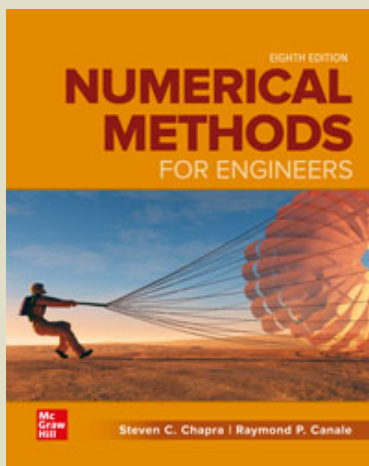


List of Changes



Numerical Methods for Engineers 8th Edition

Chapra and Canale

ISBN: 1260232077 / 9781260232073 / © 2021

available in



connect®

The eighth edition of Chapra and Canale's *Numerical Methods for Engineers* retains the instructional techniques that have made the text so successful. The book covers the standard numerical methods employed by both students and practicing engineers. Although relevant theory is covered, the primary emphasis is on how the methods are applied for engineering problem solving. Each part of the book includes a chapter devoted to case studies from the major engineering disciplines.

SEE LIST OF CHANGES ATTACHED.

It All Starts with You >>>

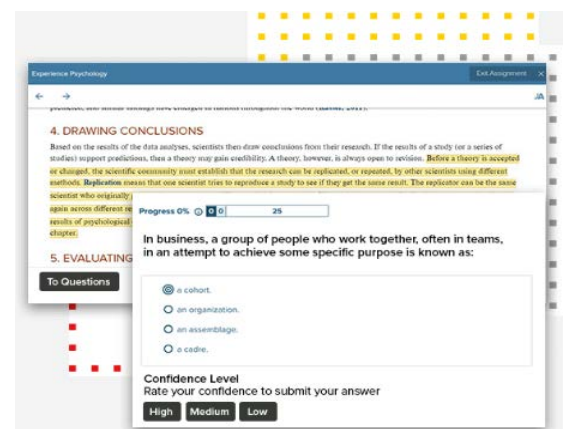
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New In Connect:

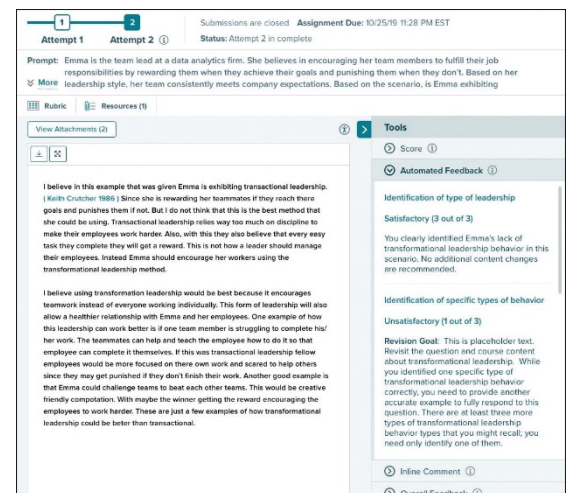
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Changes to Chapra: Numerical Methods for Engineers, 8e

Overall changes:

New and revised problems: Numerous new or revised end-of chapter problems and case studies are drawn from actual engineering practice.

New Topics:

New, improved formulation for cubic splines: Easier to understand than the previous version and compatible with MATLAB algorithm.

Monte Carlo integration: Increasingly used in engineering and science.

Supplementary material on hyperbolic partial differential equations (PDEs): Together with existing material on Elliptic & Parabolic PDEs, makes the part of the book on PDEs more complete.



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