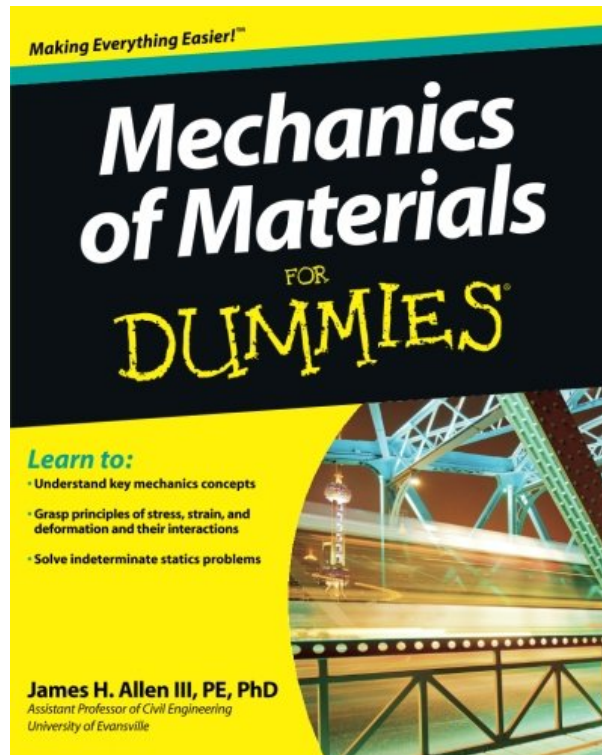
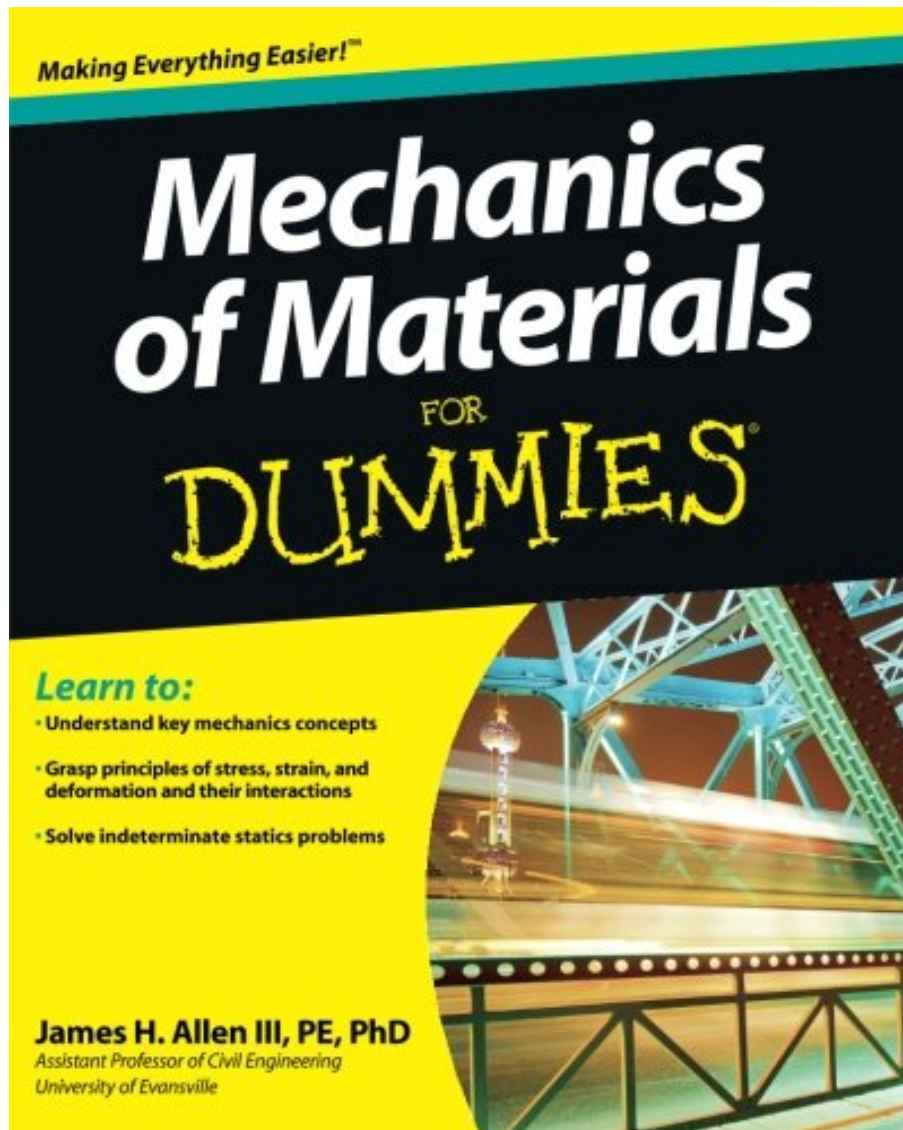


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Open the book and find:

- How to use mechanics to understand material behavior
- Methods for calculating stresses and strains
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- Mohr's circle for transformations
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Learn to:

- Understand key mechanics concepts
- Grasp principles of stress, strain, and deformation and their interactions
- Solve indeterminate statics problems

About the Author

James H. Allen III, PE, PhD is an assistant professor of civil engineering and a registered professional engineer. His specialty areas include structural engineering, numerical analysis and error control, and steel design. He is also the author of Statics For Dummies.

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