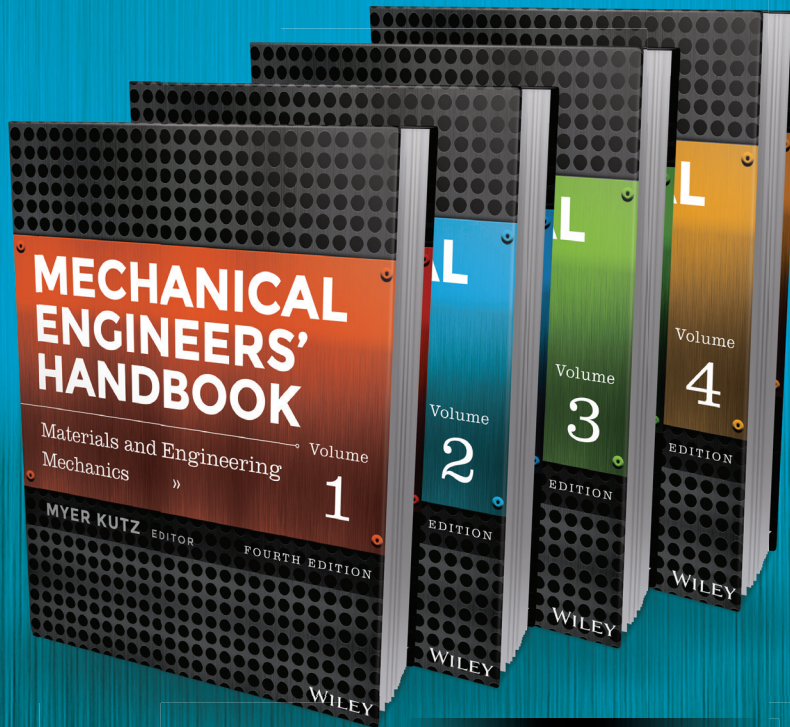


# MECHANICAL ENGINEERS' HANDBOOK

FOURTH EDITION



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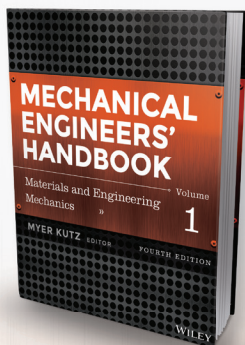
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Chapter 15-Quantitative Methods of Materials Selection

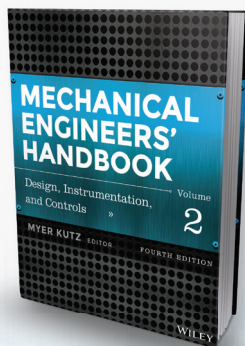
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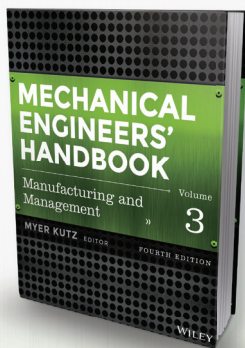
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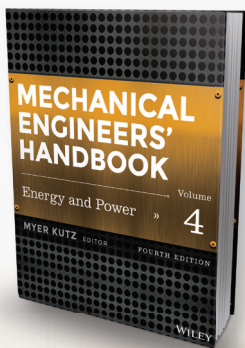
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- ✓ Review the mechanical parts that generate, transmit, and store different types of power, and the applicable guidelines

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Chapter 7-Heat Flux Measurement  
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Chapter 21-Clean Power Generation from Coal  
Chapter 22-Biofuels for Transportation  
Chapter 23-Solar Energy Measurements  
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Chapter 26-Gas Turbines  
Chapter 27-Wind Power Generation  
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Chapter 29-Hydrogen Energy  
Chapter 30-Steam Turbines  
Chapter 31-Fuel Cells  
Chapter 32-Fluid Power Systems



## From Myer Kutz, Editor, *The Mechanical Engineer's Handbook*, Fourth Edition

*"With this fourth edition, I have continued to produce a practical reference for the mechanical engineer who is seeking to answer a question, solve a problem, reduce a cost, or improve a system or facility. The handbook is not a research monograph. Its chapters offer design techniques, illustrate successful applications, or provide guidelines to improving performance, life expectancy, effectiveness, or usefulness of parts, assemblies, and systems. The purpose is to show readers what options are available in a particular situation and which option they might choose to solve problems at hand.*

*The aim of this handbook is to serve as a source of practical advice to readers. I hope that the handbook will be the first information resource a practicing engineer consults when faced with a new problem or opportunity... In each chapter, the reader should feel that he or she is in the hands of an experienced consultant who is providing sensible advice that can lead to beneficial action and results."*

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