## [PDF] FE Mechanical Practice Problems

### Michael R. Lindeburg PE - pdf download free book



#### **Books Details:**

Title: FE Mechanical Practice Proble Author: Michael R. Lindeburg PE Released:

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#### Comprehensive Practice for the Computer-Based FE Mechanical Exam

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Solutions are clear, complete, and easy to follow. Step-by-step calculations use equations and nomenclature from the NCEES *FE Reference Handbook* to help increase your familiarity with the reference you'll have on exam day. Units are meticulously identified and rigorously carried through in all calculations.

FE Mechanical Practice Problems may be used by itself for independent problem-solving practice, or it may be used in conjunction with the FE Mechanical Review Manual. This book follows the FE Mechanical Review Manual in chapter sequence, nomenclature, terminology, and methodology, so you can easily find clear explanations of topics where you need more support. Both products are part of PPI's integrated review program available at feprep.com.

#### **Exam Topics Covered**

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- Electricity and Magnetism
- Engineering Economics
- Ethics and Professional Practice
- Fluid Mechanics
- Heat Transfer
- Material Properties and Processing
- Mathematics
- Materials
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- Mechanical Design and Analysis
- Mechanics of Materials
- Probability and Statistics
- Statics
- Thermodynamics

#### Additional Products and Support at feprep.com

- FE Mechanical Review Manual: a comprehensive review manual with complete coverage of the FE Mechanical exam knowledge areas and relevant elements from the NCEES FE Reference Handbook; the online version offers full-text searching, note-taking, and bookmarking capabilities, and integrated interactive diagnostic exam problems with automatic scoring
- *FE Mechanical Assessments*: online problems to evaluate your familiarity with exam topics, with automatic scoring and comparative reporting
- FE Mechanical Flashcards: online flashcards for quick, on-the-go review
- FE Review Programs: online programs that provide structure and personal feedback to help you prepare to pass the FE Mechanical exam
- *Study Schedule*: an online, customizable study schedule with targeted reading and homework assignments

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