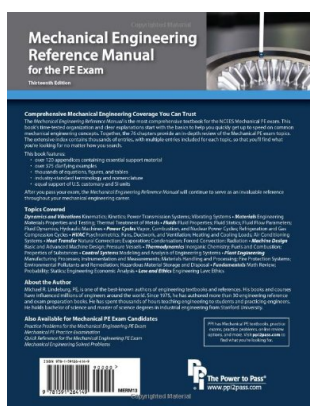


[PDF] Mechanical Engineering Reference Manual For The PE Exam, 13th Ed

Michael R. Lindeburg PE - pdf download free book



Books Details:

Title: Mechanical Engineering Refere

Author: Michael R. Lindeburg PE

Released:

Language:

Pages: 1488

ISBN: 1591264146

ISBN13: 9781591264149

ASIN: 1591264146

[CLICK HERE FOR DOWNLOAD](#)

pdf, mobi, epub, azw, kindle

Description:

Comprehensive Mechanical Engineering Coverage You Can Trust

The *Mechanical Engineering Reference Manual* is the most comprehensive textbook for the Mechanical PE exam. This book's time-tested organization and clear explanations start with the basics to help you quickly get up to speed on common mechanical engineering concepts. Together,

the 76 chapters provide an in-depth review of NCEES Mechanical PE exam topics. The extensive index contains thousands of terms, most indexed in a variety of ways, in anticipation of how you'll search for them.

Features of the *Mechanical Engineering Reference Manual*:

- over 120 appendices containing essential support material
- over 375 clarifying example problems
- thousands of equations, figures, and tables
- industry-standard terminology and nomenclature
- equal support of U.S. customary and SI units

After you pass your exam, the *Mechanical Engineering Reference Manual* will continue to serve as an invaluable reference throughout your mechanical engineering career.

Topics Covered:

- **Dynamics and Vibrations:** Kinematics; Kinetics; Power Transmission Systems; Vibrating Systems
- **Materials:** Engineering Materials Properties and Testing; Thermal Treatment of Metals
- **Fluids:** Fluid Properties; Fluid Statics; Fluid Flow Parameters; Fluid Dynamics; Hydraulic Machines
- **Power Cycles:** Vapor, Combustion, and Nuclear Power Cycles; Refrigeration and Gas Compression Cycles
- **HVAC:** Psychrometrics; Fans, Ductwork, and Ventilation; Heating and Cooling Loads; Air Conditioning Systems
- **Heat Transfer:** Natural Convection; Evaporation; Condensation; Forced Convection; Radiation
- **Machine Design:** Basic and Advanced Machine Design; Pressure Vessels
- **Thermodynamics:** Inorganic Chemistry; Fuels and Combustion; Properties of Substances
- **Control Systems:** Modeling and Analysis of Engineering Systems
- **Plant Engineering:** Manufacturing Processes; Instrumentation and Measurements; Materials Handling and Processing; Fire Protection Systems; Environmental Pollutants and Remediation; Hazardous Material Storage and Disposal
- **Fundamentals:** Math Review; Probability; Statics; Engineering Economic Analysis
- **Law and Ethics:** Engineering Law; Ethics

What's New in This Edition

- 36 chapters with new material, and 46 chapters with revisions to existing material
 - 300 new equations, and 128 updated equations
 - 27 new tables, and 31 updated tables
 - 7 new examples, and 34 updated examples
 - 10 new appendices, and 27 updated appendices
 - 35 new figures, and 28 updated figures
 - 1,094 new index entries, and 108 updated index entries
-

- Title: Mechanical Engineering Reference Manual for the PE Exam, 13th Ed
 - Author: Michael R. Lindeburg PE
 - Released:
 - Language:
 - Pages: 1488
 - ISBN: 1591264146
 - ISBN13: 9781591264149
 - ASIN: 1591264146
-