TABLE OF CONTENTS

How to Use This Book Physical Constants and Other Data

Part I. PROBLEMS

- 1. Mechanics Problems
 - 1.1 Kinematics
 - 1.2 Dynamics
 - 1.3 Statics
 - 1.4 Fluids
- 2. Thermodynamics Problems
 - 2.1 Thermal expansion
 - 2.2 Ideal gas processes
 - 2.3 First law of thermodynamics
- 3. Electrodynamics Problems
 - 3.1 Electrostatics
 - 3.2 Direct current
- 4. Magnetism Problems
 - 4.1 Magnetic field
 - 4.2 Induction (motional emf)
 - 4.3 Induction (transformer emf)
 - 4.4 Alternating current
- 5. Optics Problems

Part II. SOLUTIONS

- 6. Mechanics Solutions
 - 6.1 Kinematics
 - 6.2 Dynamics
 - 6.3 Statics
 - 6.4 Fluids
- 7. Thermodynamics Solutions
 - 7.1 Thermal expansion
 - 7.2 Ideal gas processes
 - 7.3 First law of thermodynamics
- 8. Electrodynamics Solutions
 - 8.1 Electrostatics
 - 8.2 Direct current
- 9. Magnetism Solutions
 - 9.1 Magnetic field
 - 9.2 Induction (motional emf)
 - 9.3 Induction (transformer emf)
 - 9.4 Alternating current
- 10. Optics Solutions

www.interkonyv.hu © Holics László