



## 3000 Solved Problems in Physics (Schaum`s Outline Series)

By Alvin Halpern

McGraw Hill Education, 2010. Softcover. Book Condition: New. First edition. Problem solving is an indispensable aspect of the fundamental science of Physics. As suggestive of the title, this Schaum's supplement caters to the same and has served as a very useful aid for clearing concepts. This adaptation updates the contents and includes all missing chapters/topics. TABLE OF CONTENTS: Prologue Measurement and Units Chapter 1. Mathematical Introduction Chapter 2. Equilibrium of Concurrent Forces Chapter 3. Kinematics in One Dimension Chapter 4. Newton's Law of Motion Chapter 5. Motion in a Plane I Chapter 6. Motion in A Plane II Chapter 7. Work And Energy Chapter 8. Power And Simple Machines Chapter 9. Impulse And Momentum Chapter 10. Statics of Rigid Bodies Chapter 11. Rotational Motion I: Kinematics And Dynamics Chapter 12. Rotational Motion II: Kinetic Energy, Angular Impulse, Angular Momentum Chapter 13. Matter In Bulk Chapter 14. Simple Harmonic Motion Chapter 15. Hydrostatics Chapter 16. Hydrodynamics Chapter 17. Temperature And Thermal Expansion Chapter 18. Heat And Calorimetry Chapter 19. Heat Transfer Chapter 20. Gas Laws And Kinetic Theory Chapter 21. The First Law of Thermodynamics Chapter 22. The Second Law of Thermodynamics Chapter 23. Wave Motion Chapter 24. Sound Chapter 25....



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