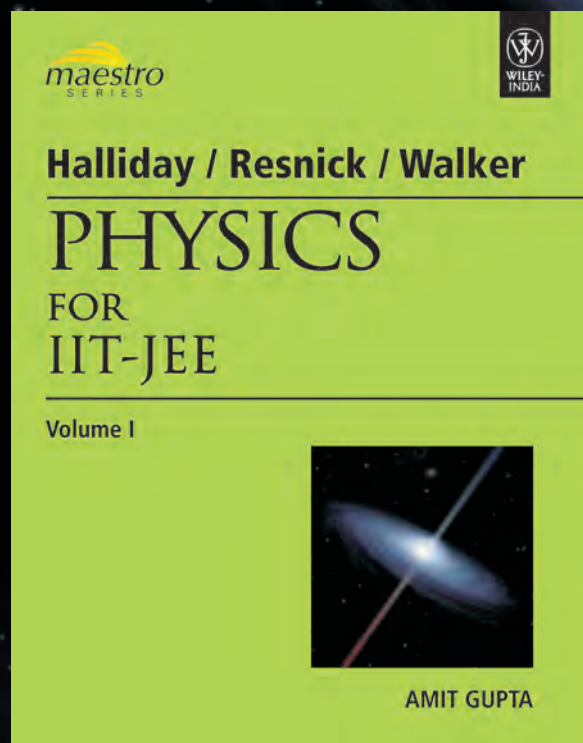


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# Halliday / Resnick / Walker PHYSICS FOR IIT-JEE

Volume I (Revised Edition)

David Halliday, Robert Resnick, Jearl Walker, and Amit Gupta



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Pages: 882

#### Each chapter contains:

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  - Multiple choice questions
  - Questions and problems
  - IIT-JEE 2010 Physics paper

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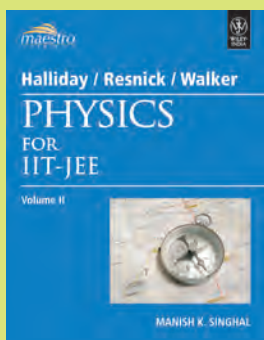
## ABOUT THE BOOK

This first volume of an adaptation of the Halliday, Resnick and Walker's "Fundamentals of Physics" (8th edition) for IIT-JEE and offers a solid understanding of fundamental concepts and helps reader apply this conceptual understanding to quantitative problem solving. This volume covers topics on **General Physics, Mechanics** and **Thermal Physics**.

The text has been rearranged as per the IIT-JEE syllabus and many small topics have been included in the original chapters to make the coverage more complete. These include Net Motion, Constrained Motion, Projection on the Inclined Plane, etc. A new chapter on "Circular Motion" has been created by collation of material on "Kinematics of Circular Motion" from the chapters on "Two- and Three-Dimensional Motion" and "Dynamics of Circular Motion".

A number of additional problems and solved examples have been included to cover all requirements of IIT-JEE examination. The book offers a **unique problem-solving technique: 4C's** (*Conceptualize, Classify, Compute and Categorize*), which guides students towards stepwise problem-solving.

The revised edition contains new end-of-chapter material containing all question types as per IIT-JEE pattern: Reasoning and Assertion type, Multiple choice type, and Problems.



The topics covered in the second volume are:

- Electricity and Magnetism
- Optics
- Modern Physics

It has been adapted by an expert IIT-JEE teacher  
**Mr. Manish Singhal.**



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