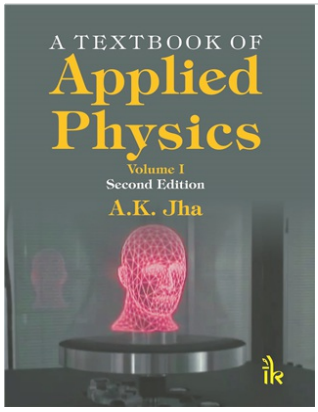
Book Information Sheet



A Textbook of Applied Physics, 2/e

A.K. Jha

2015 | **422 pp** | **Paperback** | **ISBN: 9789384588519** | **Price: 455.00**

About the Book

This book is intended to serve as a textbook of applied physics/Physics paper of the undergraduate students of B.E., B.Tech and B.Sc. Exhaustive treatment of topics in optics, mechanics, relativistic mechanics, laser, optical fibres and holography have been included. Physics is best learnt by conceptualization of the involved principles and to help the students conceptualize the involved principles, the text has been presented in an easy to understand manner. Large number of solved numericals have been included in the book to give a quantitative idea of the subject. Exercises and unsolved numericals have been given at the end of each chapter for practice. The book will also be useful for the students taking various competitive examinations.

Salient Features

- Includes exhaustive treatment of topics in optics, mechanics, wave motion, relativistic mechanics, laser, optical fibers and holography.
- Presented in an easy-to-understand manner to help students better conceptualize the principles.
- Profusely illustrated with diagrams for better understanding of the concepts.
- Provides a large number of solved numerical problems for developing the skill to solve physics problems.
- Each chapter includes exercises and unsolved numerical problems for practice.

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1- Interference of light
2- Diffraction of light
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About the Author

A.K. Jha :- A.K. Jha, an honours graduate and postgraduate from University of Delhi, was awarded Ph.D. by I.I.T. Delhi in 1995. He was awarded Fellowship and Associateship by UGC and CSIR. He has more than 17 years of teaching experience. At present he is Professor & Head, Applied Sciences Department, Ambedkar Institute of Advanced Communication Technology & Research, Delhi. Earlier he has taught at Delhi Yechnological University (formerly Delhi College of Engineering). He is a life member of Materials Research Society of India and is actively involved in research in the fields of ferroelectric and superconducting materials. He has published more than 80 research papers in various international journals and international/national conference proceedings.