

THE PHYSICS OF WAVES AND OSCILLATIONS

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TATA McGRAW-HILL
EDITION



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Oscillations and Waves, 1998

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The subject matter is divided into twelve chapters Each chapter is self contained and is treated in a comprehensive way using the S I system of units Harmonic Oscillators Linearity and Superposition Principle Oscillations with One Degree of Freedom Resonance and Sharpness of Resonance Quality Factor Doppler Effect in Sound and Light Medical Applications of Ultrasonics Acoustic Intensity Acoustic Measurements Wave Velocity and Group Velocity Maxwell s Equations Propagation of Electromagnetic Waves in Isotropic Media De Broglie Waves Heisenberg s Uncertainty Principle and Special Theory of Relativity are some of the important topics which have been given special attention Solved numerical problems wherever necessary are given in the text and in the exercises at the end of each chapter The book is intended to be a textbook for the undergraduate students of Indian universities

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1917 edition Excerpt 6 Columns for Discount on Purchases and Discount on Notes on the same side of the Cash Book c

Columns for Discount on Sales and Cash Sales on the debit side of the Cash Book d Departmental columns in the Sales Book

and in the Purchase Book Controlling Accounts The addition of special columns in books of original entry makes possible the

keeping of Controlling Accounts The most common examples of such accounts are Accounts Receivable account and Accounts

Payable account These summary accounts respectively displace individual customers and creditors accounts in the Ledger

The customers accounts are then segregated in another book called the Sales Ledger or Customers Ledger while the

creditors accounts are kept in the Purchase or Creditors Ledger The original Ledger now much reduced in size is called the

General Ledger The Trial Balance now refers to the accounts in the General Ledger It is evident that the task of taking a Trial

Balance is greatly simplified because so many fewer accounts are involved A Schedule of Accounts Receivable is then

prepared consisting of the balances found in the Sales Ledger and its total must agree with the balance of the Accounts

Receivable account shown in the Trial Balance A similar Schedule of Accounts Payable made up of all the balances in the

Purchase Ledger is prepared and it must agree with the balance of the Accounts Payable account of the General Ledger The

Balance Sheet In the more elementary part of the text the student learned how to prepare a Statement of Assets and

Liabilities for the purpose of disclosing the net capital of an enterprise In the present chapter he was shown how to prepare a

similar statement the Balance Sheet For all practical

Oscillation and Waves Barbie Navr, Lilly Oyo, 2020

Oscillations and Waves K. Rama Reddy, S. B. Badami, Vijay Balasubramanian, 1995-02-01 *Waves and Oscillations*
C.K. Bhattacharya, N.G. Dongre, 2001-05-01 Waves and Oscillations Aftab Ahmad, Nasir Ahmad, Tahir Husain, 1971
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