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Discrete Mathematics and Graph Theory (4th Revised edition)

By Purna Chandra Biswal

Prentice-Hall of India Pvt.Ltd. Paperback. Book Condition: new. BRAND NEW, Discrete Mathematics and Graph Theory (4th Revised edition), Purna Chandra Biswal, This textbook, now in its fourth edition, provides an accessible introduction to discrete mathematics and graph theory. The introductory material on mathematical logic is followed by extensive coverage of combinatorics, recurrence relation, binary relations, coding theory, distributive lattice, bipartite graphs, trees, algebra, and Polya's counting principle. A number of selected results and methods of discrete mathematics are discussed. There are numerous examples, illustrations and exercises spread throughout the book. A selection of problems in the exercises help students test their knowledge. The text is intended for the undergraduate students of Computer Science and Engineering as well as to the students of Mathematics and those pursuing courses in the areas of Computer Applications and Information Technology. New to the fourth edition: Introduces new section on arithmetic function. Examines spanning trees of wheel graph, fan graph and ladder graph. Redistributes most of the problems given in exercises section-wise. Provides additional definitions, theorems, examples and exercises. Provides hints for solving exercise problems.



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