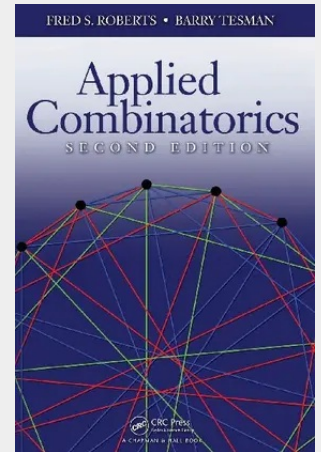


Applied Combinatorics

Now with solutions to selected problems, Applied Combinatorics, Second Edition presents the tools of combinatorics from an applied point of view. This bestselling textbook offers numerous references to the literature of combinatorics and its applications that enable readers to delve more deeply into the topics. After introducing fundamental counting rules and the tools of graph theory and relations, the authors focus on three basic problems of combinatorics: counting, existence, and optimization problems. They discuss advanced tools for dealing with the counting problem, including generating functions, recurrences, inclusion/exclusion, and Pólya theory. The text then covers combinatorial design, coding theory, and special problems in graph theory. It also illustrates the basic ideas of combinatorial optimization through a study of graphs and networks.

Now with solutions to selected problems, this bestselling textbook presents the tools of combinatorics from an applied point of view. It focuses on three basic problems of combinatorics: counting, existence, and optimization problems. The text contains many examples from the biological, computer, and social sciences, including disease screening, genome mapping, satellite communication, search engines, telecommunications traffic, web data, sound systems, oil drilling, dynamic labor markets, data mining, and distributed computing. It also offers numerous references to the literature of combinatorics and its applications that enable readers to delve more deeply into the topics.



188,50 €

188,50 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9781420099829

Medium: Buch

ISBN: 978-1-4200-9982-9

Verlag: Taylor & Francis Ltd

Erscheinungstermin: 03.06.2009

Sprache(n): Englisch

Auflage: 2. Auflage 2009

Serie: Chapman and Hall/CRC

Produktform: Gebunden

Gewicht: 1834 g

Seiten: 888

Format (B x H): 183 x 260 mm

