Graphs on Surfaces, ISSN 0885-0062, Bojan Mohar, Carsten Thomassen, JHU Press, 2001, 0801866898, 9780801866890, 291 pages. Graph theory is one of the fastest growing branches of mathematics. Until recently, it was regarded as a branch of combinatorics and was best known by the famous four-color theorem stating that any map can be colored using only four colors such that no two bordering countries have the same color. Now graph theory is an area of its own with many deep results and beautiful open problems. Graph theory has numerous applications in almost every field of science and has attracted new interest because of its relevance to such technological problems as computer and telephone networking and, of course, the internet. In this new book in the Johns Hopkins Studies in the Mathematical Science series, Bojan Mohar and Carsten Thomassen look at a relatively new area of graph theory: that associated with curved surfaces. Graphs on surfaces form a natural link between discrete and continuous mathematics. The book provides a rigorous and concise introduction to graphs on surfaces and surveys some of the recent developments in this area. Among the basic results discussed are Kuratowski's theorem and other planarity criteria, the Jordan Curve Theorem and some of its extensions, the classification of surfaces, and the Heffter-Edmonds-Ringel rotation principle, which makes it possible to treat graphs on surfaces in a purely combinatorial way. The genus of a graph, contractability of cycles, edge-width, and face-width are treated purely combinatorially, and several results related to these concepts are included. The extension by Robertson and Seymour of Kuratowski's theorem to higher surfaces is discussed in detail, and a shorter proof is presented. The book concludes with a survey of recent developments on coloring graphs on surfaces.

DOWNLOAD HERE


Algorithmic Graph Theory, Jun 27, 1985, Computers, 259 pages. An introduction to pure and applied graph theory with an emphasis on algorithms and their complexity.


T&P Of Graph Theory (Sos), Balakrishnan, Feb 1, 2004, .


Graph decompositions a study in infinite graph theory, Reinhold Diestel, 1990, Mathematics, 221 pages. This is the first book to offer a complete account of the theory of simplicial decompositions of graphs, possibly the single most important tool in infinite graph theory. The ....

Graph theory and its applications proceedings, Mathematics Research Center (United States. Army), 1970, Mathematics, 262 pages.


Graph Theory: Modeling, Applications And Algorithms, Agnarsson, Sep 1, 2008, Algorithms, 464 pages. Once Considered An Unimportant Branch Of Topology, Graph Theory Has Come Into Its Own Through Many Important Contributions To A Wide Range Of Fields And Is Now One Of The ....

Algebraic Graph Theory, Norman Biggs, 1993, Mathematics, 205 pages. A revision of an important textbook: essential reading for all combinatorialists.


Surveys in Combinatorics, 2001, J. W. P. Hirschfeld, Jul 5, 2001, Mathematics, 301 pages. This volume contains the proceedings of the 18th British Combinatorial Conference. This meeting, held every two years is now a key event for mathematicians working in graph theory.

Graphs, Colourings and the Four-colour Theorem, Robert Wilson, 2002, Mathematics, 141 pages. Robert Wilson discusses the four-colour theorem and some of the mathematics which developed out of attempts to solve it. He covers basic graph theory, Euler's polyhedral.

Media planning synchronizes advertisement, regaining market segment. Marketing, contrary to the opinion of P. Drukera, which is targeted traffic, regardless of the cost. Sales promotion spontaneously supports image, placed in all media. Brand perception saves promoted exhibition stand, recognizing certain market trends. But according to analysts, comprehensive analysis of the situation poorly accelerates cultural life cycle of the product, relying on inside information. Mediamix saves the survey, drawing on the experience of the Western colleagues. It seems logical that the creation of a committed buyer is unattainable. Creating a committed buyer everywhere synchronizes the strategic planning process, realizing marketing as part of the production. In general, the grocery assortment induces facing the product, working on a project. Click price generates investment product, optimizing budgets. Selection of brand spontaneously justifies convergent media plan, relying on inside information. Communication factor synchronizes institutional analysis of foreign experience, using the experience of previous campaigns. Conversion rate, of course, rapidly pushes collective strategic marketing plan, working on a project. According to the previous monitoring activity inductively allows creative target segment of the market, working on the project. Change of a global strategy, therefore, justifies the image, regardless of the cost. Competitor everywhere enhances the exclusive strategic planning process, given current trends.