Chromatic Graph Theory (Discrete Mathematics and Its Applications)

Gary Chartrand, Ping Zhang

Chromatic Graph Theory (Discrete Mathematics and Its Applications)

Gary Chartrand, Ping Zhang

Chromatic Graph Theory (Discrete Mathematics and Its Applications) Gary Chartrand, Ping Zhang

Beginning with the origin of the four color problem in 1852, the field of graph colorings has developed into one of the most popular areas of graph theory. Introducing graph theory with a coloring theme, **Chromatic Graph Theory** explores connections between major topics in graph theory and graph colorings as well as emerging topics.

This self-contained book first presents various fundamentals of graph theory that lie outside of graph colorings, including basic terminology and results, trees and connectivity, Eulerian and Hamiltonian graphs, matchings and factorizations, and graph embeddings. The remainder of the text deals exclusively with graph colorings. It covers vertex colorings and bounds for the chromatic number, vertex colorings of graphs embedded on surfaces, and a variety of restricted vertex colorings. The authors also describe edge colorings, monochromatic and rainbow edge colorings, complete vertex colorings, several distinguishing vertex and edge colorings, and many distance-related vertex colorings.

With historical, applied, and algorithmic discussions, this text offers a solid introduction to one of the most popular areas of graph theory.

Download and Read Free Online Chromatic Graph Theory (Discrete Mathematics and Its Applications) Gary Chartrand, Ping Zhang

---

From reader reviews:

Floyd Goshorn:

Chromatic Graph Theory (Discrete Mathematics and Its Applications) can be one of your beginning books that are good idea. We recommend that straight away because this book has good vocabulary that can increase your knowledge in language, easy to understand, bit entertaining but still delivering the information. The article writer giving his/her effort that will put every word into pleasure arrangement in writing Chromatic Graph Theory (Discrete Mathematics and Its Applications) but doesn't forget the main level, giving the reader the hottest as well as based confirm resource information that maybe you can be one of it. This great information can certainly drawn you into new stage of crucial pondering.

Ruth Lynch:

The book untitled Chromatic Graph Theory (Discrete Mathematics and Its Applications) contain a lot of information on the idea. The writer explains the girl idea with easy method. The language is very straightforward all the people, so do not worry, you can easy to read the idea. The book was authored by famous author. The author gives you in the new age of literary works. It is easy to read this book because you can continue reading your smart phone, or gadget, so you can read the book inside anywhere and anytime. In a situation you wish to purchase the e-book, you can start their official web-site in addition to order it. Have a nice examine.

Kim Nielsen:

Many people spending their period by playing outside along with friends, fun activity together with family or just watching TV the whole day. You can have new activity to enjoy your whole day by reading through a book. Ugh, do you think reading a book will surely hard because you have to accept the book everywhere? It fine you can have the e-book, taking everywhere you want in your Mobile phone. Like Chromatic Graph Theory (Discrete Mathematics and Its Applications) which is finding the e-book version. So , why not try out this book? Let's notice.

Mary Varnum:

Is it a person who having spare time subsequently spend it whole day by means of watching television programs or just laying on the bed? Do you need something new? This Chromatic Graph Theory (Discrete Mathematics and Its Applications) can be the response, oh how comes? It's a book you know. You are so out of date, spending your extra time by reading in this completely new era is common not a nerd activity. So what these ebooks have than the others?

Download and Read Online Chromatic Graph Theory (Discrete Mathematics and Its Applications) Gary Chartrand, Ping Zhang #AEBW6JQ1LG0

Read Chromatic Graph Theory (Discrete Mathematics and Its Applications) by Gary Chartrand, Ping Zhang for online ebook

Chromatic Graph Theory (Discrete Mathematics and Its Applications) by Gary Chartrand, Ping Zhang Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Chromatic Graph Theory (Discrete Mathematics and Its Applications) by Gary Chartrand, Ping Zhang books to read online.

Online Chromatic Graph Theory (Discrete Mathematics and Its Applications) by Gary Chartrand, Ping Zhang ebook PDF download

Chromatic Graph Theory (Discrete Mathematics and Its Applications) by Gary Chartrand, Ping Zhang Doc

Chromatic Graph Theory (Discrete Mathematics and Its Applications) by Gary Chartrand, Ping Zhang Mobipocket

Chromatic Graph Theory (Discrete Mathematics and Its Applications) by Gary Chartrand, Ping Zhang EPub