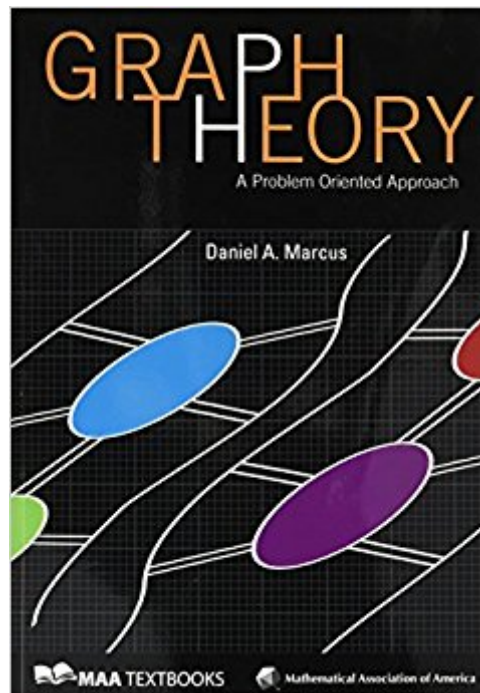




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Graph Theory: A Problem Oriented Approach (Maa Textbooks)



Synopsis

A combined textbook and problem book that presents a friendly approach to graph theory while maintaining reader involvement with many exercises.

Book Information

Series: Maa Textbooks

Paperback: 218 pages

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Average Customer Review: 4.7 out of 5 stars 4 customer reviews

Best Sellers Rank: #756,129 in Books (See Top 100 in Books) #109 in [Books > Science & Math > Mathematics > Applied > Graph Theory](#) #284 in [Books > Science & Math > Mathematics > Pure Mathematics > Discrete Mathematics](#) #8473 in [Books > Textbooks > Science & Mathematics > Mathematics](#)

Customer Reviews

Combining the features of a textbook with those of a problem workbook, this text presents a natural, friendly way to learn some of the essential ideas of graph theory, with 360 strategically placed exercises and 280 additional homework problems to encourage reader involvement and engagement.

Daniel A. Marcus received his PhD from Harvard University. He was a J. Willard Gibbs Instructor at Yale University from 1972 to 1974 and Professor of Mathematics at California State Polytechnic University, Pomona, from 1979 to 2004.

Good item but it's kinda pricey

Excellent book.

This book is truly amazing and unfortunately I will never be able not to understate the impact this

book has on my learning of graphs. I have tried many other books for this amazing subject. Sadly, all books I tried have the power to transform this beautiful subject into dull, boring formalism. This book stops the tradition of regurgitating theorems and proofs about things they don't even try to represent visually. The Marcus' book don't throw anything at you. Instead, it lets you develop and explore by yourself by making questions that arouse your brain to "play the graph game" by taking a pencil, crayons and start trying. First it let you make silly mistakes by letting you try doing stuff with brute force. Then, the author gives mini-clues which develops your vision into a more clever way of doing stuff, and only then he gives you the theorem about it. At this point, the theorems sounds more than obvious, because you almost developed them by "yourself" (thats how it feels, of course, because the authors guidance feels so natural). When I was reading this book, I constantly had memories of me as a 17 year old trying to learn math for the Math Olympiads via extra textbooks which let you develop theories instead of having them regurgitated in your mouth. It was a very romantic time I had with math, and this time is happily coming back to me again :) I don't remember where I read about this book, but I am glad I did!

I like it only because it helps me make an A in this class

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