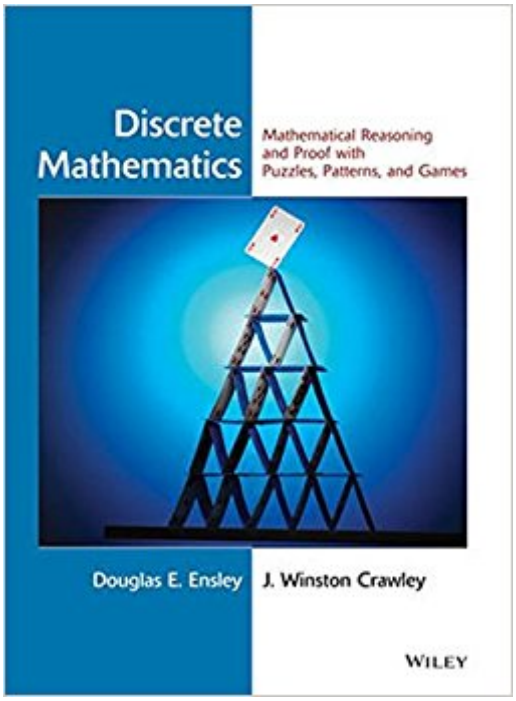
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Discrete Mathematics: Mathematical Reasoning And Proof With Puzzles, Patterns, And Games



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Synopsis

Did you know that games and puzzles have given birth to many of today's deepest mathematical subjects? Now, with Douglas Ensley and Winston Crawley's Introduction to Discrete Mathematics, you can explore mathematical writing, abstract structures, counting, discrete probability, and graph theory, through games, puzzles, patterns, magic tricks, and real-world problems. You will discover how new mathematical topics can be applied to everyday situations, learn how to work with proofs, and develop your problem-solving skills along the way. Online applications help improve your mathematical reasoning. Highly intriguing, interactive Flash-based applications illustrate key mathematical concepts and help you develop your ability to reason mathematically, solve problems, and work with proofs. Explore More icons in the text direct you to online activities at www.wiley.com/college/ensley. Improve your grade with the Student Solutions Manual. A supplementary Student Solutions Manual contains more detailed solutions to selected exercises in the text.

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Did you know that games and puzzles have given birth to many of todayÃ¢â ¬â„¢s deepest mathematical subjects? Now, with Douglas Ensley and Winston CrawleyÃ¢â ¬â„¢s Introduction to Discrete Mathematics, you can explore mathematical writing, abstract structures, counting, discrete probability, and graph theory, through games, puzzles, patterns, magic tricks, and real-world problems. You will discover how new mathematical topics can be applied to everyday situations, learn how to work with proofs, and develop your problem-solving skills along the way. Online

applications help improve your mathematical reasoning. Highly intriguing, interactive Flash-based applications illustrate key mathematical concepts and help you develop your ability to reason mathematically, solve problems, and work with proofs. Explore More icons in the text direct you to online activities at www.wiley.com/college/ensley. Improve your grade with the Student Solutions Manual. A supplementary Student Solutions Manual contains more detailed solutions to selected exercises in the text.

Doug Ensley is a full professor at Shippenshburg University with a Ph.D. from Carnegie Mellon.Ã Â He is an active participant in national and regional committees determining the future of the discrete math curriculum, and he regularly speaks at Joint Math and MathFest. Winston Crawley is a full professor and chair of the math department at Shippensburg University.Ã Â He has a Ph.D. from University of Tennessee-Knoxville.Ã Â Crawley developed the undergraduate computer science curriculum at Shippensburg.

good

This was purported to be a complete solutions manual. Rather, it’s just the answers in the back of the book gussied up in fancy packaging and sold as a stand alone. Deceptive and deceitful.

I didn’t like the format of the book at the beginning of class. But I am the sort to seek out other books. Of five or six comparable text books that I scavenged from here and there, this book did the best job over all. I did find better books that treated proofs only (and that also covered some of the same material), but this book also covered other areas that one needs to move from calculation to actually thinking like a mathematician.

This is a great book. The authors present things very clearly and it’s easy to follow. The authors put quite a lot of personality into the text as well, this made it pretty enjoyable to read through before/after lectures.

This student solutions manual only includes the solutions that are already in the back of the book. Some of them give more explanation, but some of the confusing solutions only give the same answer as the textbook. It doesn’t seem worth the expense if there isn’t a lot to help me understand the process, how to solve problems.

This book is a reminder to me of the fun in math. The explainations are clear and the examples are sufficient to cover the material.

Good looking book but be careful when you purchase this as it is only the answer key :-(

Had to get this for a class, very useful and good to read, we mainly used it for the homeworks

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