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The Ins And Outs Of Peg Solitaire (Recreations In Mathematics)





Synopsis

For mathematical game enthusiasts, the 33-hole Peg Solitarie board presents many intriguing and difficult problems, far more fascinating than the simple problemes set out in manufacturers' instructions, and behind these problems lies interesting mathematical theory. Beasley, an internationally known expert on Peg Solitaire, surveys the history of the game, shows how to play it simply and well, explains the theory behind it, and offers over 200 problems and their solutions in over 550 diagramms. Mathematical game fans aged twelve and over will find hours of enjoyment in this book.John Beasley is a freelance computing expert who has studied Peg Solitaire since 1960 and made many original discoveries about the game. He has also composed and published over 50 chess problems and endgame studies, and represented Great Britain in two World Chess Solving Championships in 1977 and 1978.

Book Information

Series: Recreations in Mathematics (Book 2) Hardcover: 275 pages Publisher: Oxford University Press (October 3, 1985) Language: English ISBN-10: 0198532032 ISBN-13: 978-0198532033 Product Dimensions: 5.7 x 0.8 x 8.7 inches Shipping Weight: 1 pounds Average Customer Review: 4.5 out of 5 stars Â See all reviews (2 customer reviews) Best Sellers Rank: #3,171,714 in Books (See Top 100 in Books) #31 in Books > Humor & Entertainment > Puzzles & Games > Board Games > Checkers

Customer Reviews

This is the definitive reference for Peg Solitare, including the history of the game and mathematical theory. For players who have been stumped by the game, a few minutes spent on Chapter 2 will make the game seem much easier, kind of like learning specific techniques for solving Rubick's Cube.Later chapters go into the theory of the game quite deeply. However, no advanced mathematics is needed and most of the book is accessible to anyone who has taken a high school algebra course. However this does not imply the theory is simple, Conway's balance sheets can be quite difficult to understand. Remarkably, the computer was not used to produce any of the results in this book. The author is clearly very meticulous as I have spotted only one or two typographical

errors in the entire book; quite remarkable considering the hundreds of diagrams of board solutions and pages covered with move sequences.Perhaps the only drawback to the book is its singular focus on Peg Solitaire, and this is hardly the fault of the author. This game seems to lack the sexiness of more modern board games and recreational math puzzles. Although many game enthusiasts have played it at some point in their lives, few have mastered it. It would seem few people have the interest in the subject to buy this book, as I don't think there are any plans to republish it.

I was curious to see how proofs were developed, and the writing was very clear and sequential. I would say I was a touch disappointed that the theorydeveloped proofs and techniques as to which positions were not soluble, and the soluble positions were mostly anlayzed by tedious enumeration. *Download to continue reading...*

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