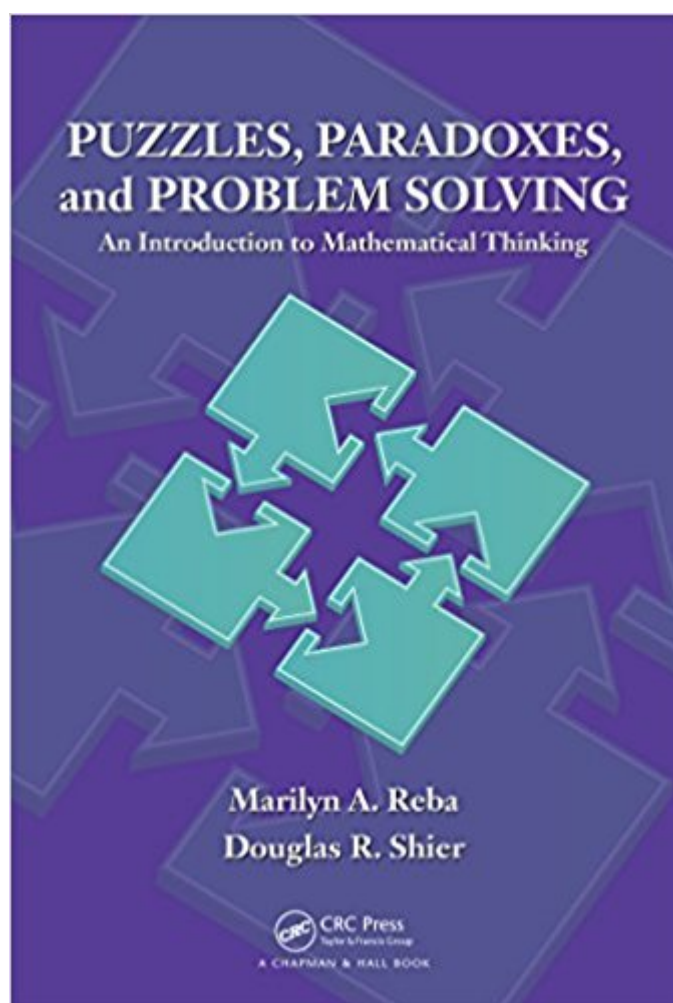


The book was found

# Puzzles, Paradoxes, And Problem Solving: An Introduction To Mathematical Thinking



## Synopsis

A Classroom-Tested, Alternative Approach to Teaching Math for Liberal Arts Puzzles, Paradoxes, and Problem Solving: An Introduction to Mathematical Thinking uses puzzles and paradoxes to introduce basic principles of mathematical thought. The text is designed for students in liberal arts mathematics courses. Decision-making situations that progress from recreational problems to important contemporary applications develop the critical-thinking skills of non-science and non-technical majors. The logical underpinnings of this textbook were developed and refined throughout many years of classroom feedback and in response to commentary from presentations at national conferences. The text's five units focus on graphs, logic, probability, voting, and cryptography. The authors also cover related areas, such as operations research, game theory, number theory, combinatorics, statistics, and circuit design. The text uses a core set of common representations, strategies, and algorithms to analyze diverse games, puzzles, and applications. This unified treatment logically connects the topics with a recurring set of solution approaches. Requiring no mathematical prerequisites, this book helps students explore creative mathematical thinking and enhance their own critical-thinking skills. Students will acquire quantitative literacy and appreciation of mathematics through the text's unified approach and wide range of interesting applications.

## Book Information

File Size: 12329 KB

Print Length: 605 pages

Publisher: Chapman and Hall/CRC; 1 edition (December 15, 2014)

Publication Date: December 15, 2014

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B00QFFYAQ4

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #306,965 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #32

Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Recreation & Games

#160 in [Kindle Store > Books > Humor & Entertainment > Puzzles & Games > Math Games](#) #202

[Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Pure Mathematics > Algebra](#)

## Customer Reviews

This book arrived before the date suggested by the shipper. The book is one that let you think on the simple things you learned from high school throughout college. I was impressed with the clarity on the presentation of the material. I would recommend this book and course for every college students

Met

[Download to continue reading...](#)

CRITICAL THINKING: A Beginner's Guide To Critical Thinking, Better Decision Making, And Problem Solving ! ( critical thinking, problem solving, strategic thinking, decision making) Puzzles, Paradoxes, and Problem Solving: An Introduction to Mathematical Thinking Positive Thinking: 50 Positive Habits to Transform you Life: Positive Thinking, Positive Thinking Techniques, Positive Energy, Positive Thinking,, Positive ... Positive Thinking Techniques Book 1) Clinical Problem Solving in Orthodontics and Paediatric Dentistry, 2e (Clinical Problem Solving in Dentistry) Clinical Problem Solving in Orthodontics and Paediatric Dentistry - E-Book (Clinical Problem Solving in Dentistry) Clinical Problem Solving in Periodontology and Implantology, 1e (Clinical Problem Solving in Dentistry) Mathematical Thinking: Problem-Solving and Proofs (Classic Version) (2nd Edition) (Pearson Modern Classics for Advanced Mathematics Series) Mathematical Thinking: Problem-Solving and Proofs (2nd Edition) Puzzle-Based Learning (3rd Edition): An Introduction to Critical Thinking, Mathematics, and Problem Solving Algebraic Geometry: A Problem Solving Approach (Student Mathematical Library) There Are Two Errors in the the Title of This Book, Revised and Expanded (Again): A Sourcebook of Philosophical Puzzles, Problems, and Paradoxes The Colossal Book of Mathematics: Classic Puzzles, Paradoxes, and Problems Introduction to Orthotics: A Clinical Reasoning and Problem-Solving Approach, 4e (Introduction to Splinting) The New York Times Monday Through Friday Easy to Tough Crossword Puzzles: 50 Puzzles from the Pages of The New York Times (New York Times Crossword Puzzles) Bible Brain Teasers for Adults (4 Book Set includes:Bible Crossword Puzzles;Bible Games;Bible Quizzes & Puzzles;Bible Word Search Puzzles) Introduction to Polymer Science and Chemistry: A Problem-Solving Approach, Second Edition Introduction to Engineering Design and Problem Solving (BEST Basic Engineering Series & Tools) Matlab: A Practical Introduction to Programming and Problem Solving Matlab,

Fourth Edition: A Practical Introduction to Programming and Problem Solving Doing Mathematics:  
An Introduction to Proofs and Problem-Solving

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)