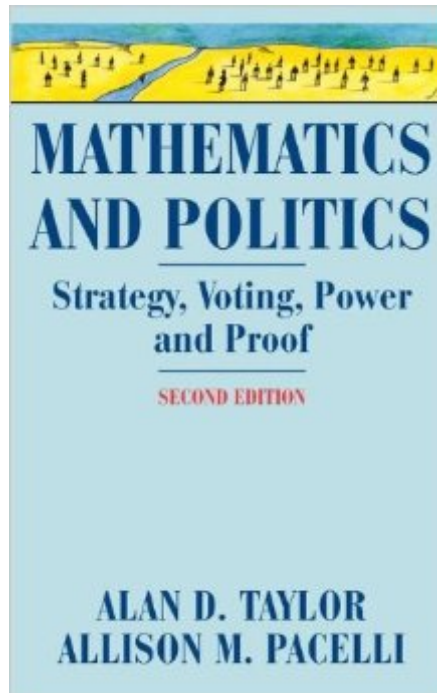


The book was found

Mathematics And Politics: Strategy, Voting, Power, And Proof



Synopsis

As a text for an undergraduate mathematics course for nonmajors, *Mathematics and Politics* requires no prerequisites in either area while the underlying philosophy involves minimizing algebraic computations and focusing instead on some conceptual aspects of mathematics in the context of important real-world questions in political science. Five major topics are covered including a model of escalation, game theoretic models of international conflict, yes-no voting systems, political power, and social choice. Each topic is discussed in an introductory chapter and revisited in more depth in a later chapter. This new edition has added co-author, Allison Pacelli, and two new chapters on "Fairness" and "More Fairness." The examples and the exercises have been updated and enhanced throughout. Reviews from first edition: This book is well written and has much math of interest. While it is pitched at a non-math audience there is material here that will be new and interesting to the readers... -Sigact News For mathematicians, Taylor's book shows how the social sciences make use of mathematical thinking, in the form of axiomatic systems, and offers a chance to teach this kind of thinking to our students. - The College Mathematics Journal The writing is crisp and the sense of excitement about learning mathematics is seductive. The political conflict examples are well thought out and clear. -Michael C. Munger

Book Information

Paperback: 364 pages

Publisher: Springer; Softcover reprint of hardcover 2nd ed. 2009 edition (October 29, 2010)

Language: English

ISBN-10: 1441926615

ISBN-13: 978-1441926616

Product Dimensions: 7 x 0.9 x 10 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 stars See all reviews (4 customer reviews)

Best Sellers Rank: #947,598 in Books (See Top 100 in Books) #250 in Books > Science & Math > Evolution > Game Theory #405 in Books > Business & Money > Processes & Infrastructure > Operations Research #1442 in Books > Politics & Social Sciences > Politics & Government > Elections & Political Process > General

Customer Reviews

Lucidly written exposition with stress on concepts rather than notation manipulation. Dollar auctions, Arrow's theorem, Power indices were especially interesting reading. Probably the best place for a

layman to get the dope on Arrow's impossibility theorem. Does get a bit tedious in some spots with some numerical permutations, but on the whole, I recommend it highly.

that covers the topic in an approachable way. It brings up interesting and theoretical issues with voting systems that have not been solved or overcome.

This book is a very easy read on the mathematics and theory behind voting procedures. It is easy to follow and pretty straightforward in nature.

Beginning chapters are lucid with examples - but towards the end of book, things get rather cloudy - and at the fag end it's almost impossible when the author arrives at the Impossibility Theorem of Kenneth Arrow! Looks like somebody hurried up the author to finish the book and dash it off to the press!

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

Mathematics and Politics: Strategy, Voting, Power, and Proof
Power Training: For Combat, MMA, Boxing, Wrestling, Martial Arts, and Self-Defense: How to Develop Knockout Punching Power, Kicking Power, Grappling Power, and Ground Fighting Power
Craps: Strategy! Casino Craps Strategy For Shooting Dice To Win At Craps! (How To Play Craps, Gambling, Las Vegas, Black Jack, Thinking Fast, Brain Power, Brain Training)
The The Election Activity Book (2016): Dozens of Activities That Help Kids Learn About Voting, Campaigns, Our Government, Presidents, and More!
American Indians and the Fight for Equal Voting Rights
America Votes!: A Guide to Modern Election Law and Voting Rights
Voting Rights--and Wrongs: The Elusive Quest for Racially Fair Elections
The Voting Wars: From Florida 2000 to the Next Election Meltdown
Give Us the Ballot: The Modern Struggle for Voting Rights in America
Discrete Mathematics: Mathematical Reasoning and Proof with Puzzles, Patterns, and Games
Roads to Infinity: The Mathematics of Truth and Proof
Pente Strategy: Book II: Advanced Strategy and Tactics
LSAT Reading Comprehension: Strategy Guide + Online Tracker (Manhattan Prep LSAT Strategy Guides)
Roulette Strategy III: An outside betting strategy for reducing your risks with your Roulette wagering.
Chassin's Operative Strategy in General Surgery: An Expositive Atlas (Scott-Connor, Chassin's Operative Strategy in General Surgery)
Touching Heaven: A Cardiologist's Encounters with Death and Living Proof of an Afterlife
Applied Signal Processing: A MATLAB™-Based Proof of Concept (Signals and Communication Technology (Paperback))
DON'T BUMP MY LOCK!: How Bump Keys Work, and How To Make Your Home Bump Proof
The Murad Method: Wrinkle-Proof, Repair, and Renew Your Skin with the

Proven 5-Week Program Credit Repair Secrets: The Complete Credit Score Repair Book: How To Fix Your Credit, Improve Your Credit Score, And Bullet Proof Your Credit Report Using Current Credit Repair Tips

[Dmca](#)