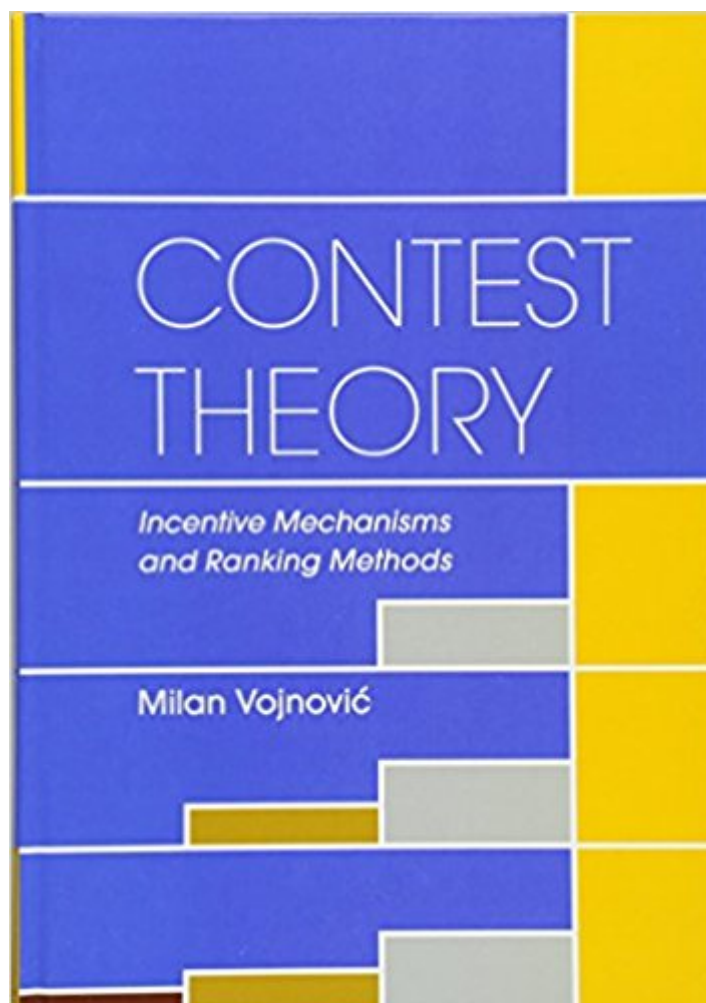


The book was found

Contest Theory: Incentive Mechanisms And Ranking Methods



Synopsis

Contests are prevalent in many areas, including sports, rent seeking, patent races, innovation inducement, labor markets, scientific projects, crowdsourcing and other online services, and allocation of computer system resources. This book provides unified, comprehensive coverage of contest theory as developed in economics, computer science, and statistics, with a focus on online services applications, allowing professionals, researchers and students to learn about the underlying theoretical principles and to test them in practice. The book sets contest design in a game-theoretic framework that can be used to model a wide-range of problems and efficiency measures such as total and individual output and social welfare, and offers insight into how the structure of prizes relates to desired contest design objectives. Methods for rating the skills and ranking of players are presented, as are proportional allocation and similar allocation mechanisms, simultaneous contests, sharing utility of productive activities, sequential contests, and tournaments.

Book Information

Hardcover: 730 pages

Publisher: Cambridge University Press; 1 edition (February 4, 2016)

Language: English

ISBN-10: 1107033136

ISBN-13: 978-1107033139

Product Dimensions: 7 x 1.6 x 10 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #551,615 in Books (See Top 100 in Books) #143 in Books > Computers & Technology > Internet & Social Media > E-Commerce #149 in Books > Science & Math > Evolution > Game Theory #152 in Books > Textbooks > Computer Science > Algorithms

Customer Reviews

"Contest theory, including the war of attrition, winner-take-all competition, and tournaments, has recently received renewed attention, due to its applicability to online rating systems, platform competition, and other internet phenomena. Milan Vojnović's book is a delightful and thorough examination of the state of the art in contest modeling, for economists and computer scientists alike." Preston McAfee, Microsoft

"Contests arise in a diverse range of applications, and are of interest to economists, computer scientists, and statisticians. This text provides a comprehensive and engaging treatment of both traditional areas, including innovation prizes, tournaments, and

ranking methods, and of recent developments motivated by crowdsourcing and other online services." Frank Kelly, University of Cambridge "Contest platforms are gaining in prominence as methods to harness the skills of large communities in solving difficult problems. But how should contests be designed - winner-take-all or with multiple prizes, with a single round or multiple rounds, and with sealed or open submissions? Milan Vojnović guides us through these and other questions, providing a careful and unified discussion of the theory of contest design that will be valuable to students and practitioners alike." David C. Parkes, Harvard University "Contests: pay now, maybe win later! In his unique book, *Contest Theory*, Milan Vojnović pulls together material from game theory, mechanism design, operations research, and statistics to cover everything contest designers need to know. The presentation is rigorous yet accessible and benefits from many enlightening examples and helpful illustrations." Thore Graepel, University College London

Contests are prevalent in many areas, from sports, to labor markets, to resource allocation, to crowdsourcing. Using a game-theoretic framework, this unified, comprehensive treatment pays particular attention to online applications of contest design, allowing professionals, researchers and students to learn about the theoretical principles and to test them in practice.

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

Contest Theory: Incentive Mechanisms and Ranking Methods
 Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A
 Ingenious Mechanisms for Designers and Inventors, 1930-67 (Volume 1) (Ingenious Mechanisms for Designers & Inventors)
 Percutaneous Absorption: Drugs--Cosmetics--Mechanisms--Methodology:
 Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences)
 Schaechter's Mechanisms of Microbial Disease (Mechanisms of Microbial Disease (Schaechter))
 SEO - The Sassy Way of Ranking #1 in Google - when you have NO CLUE!: Beginner's Guide to Search Engine Optimization and Internet Marketing (Beginner Internet Marketing Series) (Volume 3)
 Who's #1?: The Science of Rating and Ranking
 The Essential Stephen King: A Ranking of the Greatest Novels, Short Stories, Movies, and Other Creations of the World's Most Popular Writer
 The Mental Performance Index: Ranking the Best Teams in Super Bowl History
 The 100: A Ranking Of The Most Influential Persons In History
 SEO - The Sassy Way to Ranking #1 in Google - when you have NO CLUE!: A Beginner's Guide to Search Engine Optimization (Beginner Internet Marketing Series Book 3)
 YouTube SEO: 6 actionable YouTube SEO Hacks which will sky rocket your video ranking!
 Theory of Machines and Mechanisms
 Adventures in Cutie Patootie Land And The Dreamy Berry Cookie Contest: (black and white edition)

A hilarious adventure for children ages 7 and up (Volume 3) 100 Math Brainteasers (Grade 7, 8, 9, 10). Arithmetic, Algebra and Geometry Brain Teasers, Puzzles, Games and Problems with Solutions: Math olympiad contest problems for elementary and middle schools Music Theory: From Beginner to Expert - The Ultimate Step-By-Step Guide to Understanding and Learning Music Theory Effortlessly (Music Theory Mastery Book 1) Recursion Theory, Godel's Theorems, Set Theory, Model Theory (Mathematical Logic: A Course With Exercises, Part II) Imperial Leather: Race, Gender, and Sexuality in the Colonial Contest Concert and Contest Collection for French Horn: Solo Book (Rubank Educational Library) Concert and Contest Collection for French Horn: Piano Accompaniment (Rubank Educational Library)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)