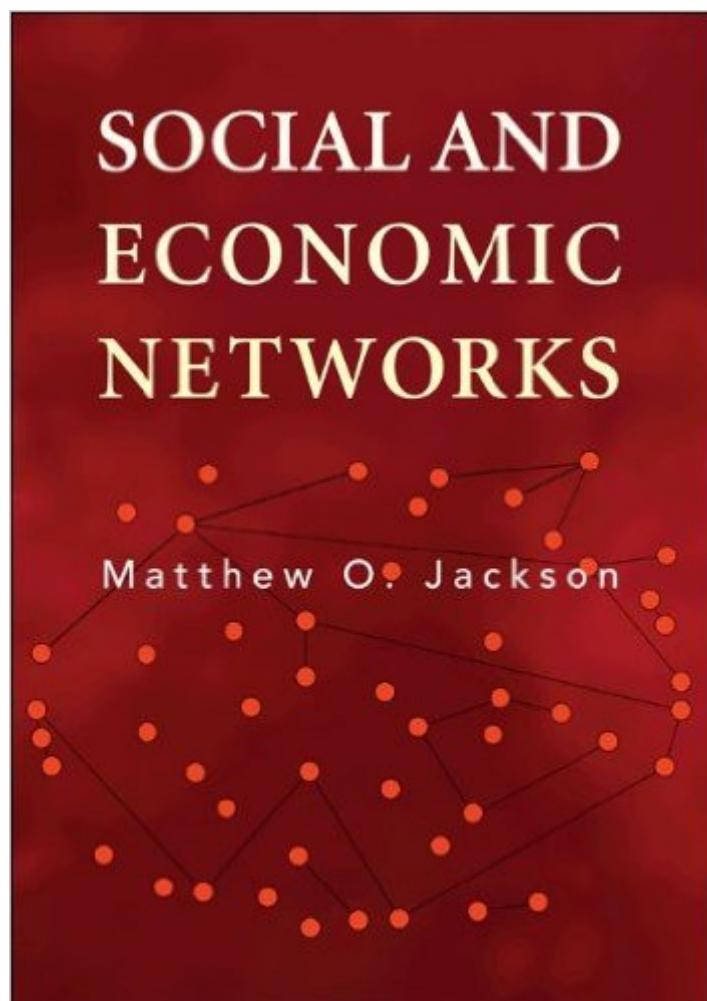


The book was found

Social And Economic Networks



Synopsis

Networks of relationships help determine the careers that people choose, the jobs they obtain, the products they buy, and how they vote. The many aspects of our lives that are governed by social networks make it critical to understand how they impact behavior, which network structures are likely to emerge in a society, and why we organize ourselves as we do. In *Social and Economic Networks*, Matthew Jackson offers a comprehensive introduction to social and economic networks, drawing on the latest findings in economics, sociology, computer science, physics, and mathematics. He provides empirical background on networks and the regularities that they exhibit, and discusses random graph-based models and strategic models of network formation. He helps readers to understand behavior in networked societies, with a detailed analysis of learning and diffusion in networks, decision making by individuals who are influenced by their social neighbors, game theory and markets on networks, and a host of related subjects. Jackson also describes the varied statistical and modeling techniques used to analyze social networks. Each chapter includes exercises to aid students in their analysis of how networks function. This book is an indispensable resource for students and researchers in economics, mathematics, physics, sociology, and business.

Book Information

Paperback: 520 pages

Publisher: Princeton University Press; unknown edition (November 21, 2010)

Language: English

ISBN-10: 0691148201

ISBN-13: 978-0691148205

Product Dimensions: 1 x 6.5 x 9.8 inches

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

Average Customer Review: 4.9 out of 5 starsÂ See all reviewsÂ (14 customer reviews)

Best Sellers Rank: #183,553 in Books (See Top 100 in Books) #24 inÂ Books > Science & Math > Mathematics > Pure Mathematics > Group Theory #193 inÂ Books > Business & Money > Economics > Microeconomics #1003 inÂ Books > Humor & Entertainment > Pop Culture > General

Customer Reviews

Jackson has really produced a wonderfully cogent book with an economic approach to studying networks. To be clear, the book is aimed at readers with a degree of mathematical sophistication.

He examines how (cooperative and non-cooperative) game theory can be applied to networks, i.e. models of friendship between individuals, alliances between firms and other similar situations. The empirical analysis of networks is treated in a couple of chapters, but perhaps deserves a separate book. Overall, this is an ideal place to start for someone interested in developing microeconomic and game-theoretic models of network interactions.

This book is a very useful approach to the social and economic networks by an interesting mathematical view. The exposition is no very difficult as calculations, if one knows sufficiently the game theory. This method is a mix by the Statistics and the Graph theory, while a significative role is related to the Bayes formula. This theory depends in large part by the game theory, let be cooperative or not-cooperative. The applications are about the biology, next the sociology and the economics.

I like this book very much. It has the right balance, in my view, between verbal and 'social science' explanations, and mathematical expositions. It provides enough mathematical background for those who do not have it, as well as social and economic background and motivation. I intend to use some chapters in this book for a "Networks" course I will teach.

This book goes with Professor Jackson's class on Coursera. It's got a lot of math, but it's not overwhelming, the heaviest stuff is split into an advanced track of non-credit problems. I enjoyed the class enough I plan on repeating it next time its offered.

This is the best combination of practical and technical presentation I've seen for this material.

A reference book and great resource for network researchers. Matthew Jackson exposes with mastery the framework keys to understand the modelization of social and economic systems.

Very interesting book! Nice start and guide for future studies.Cesar FranÃ§a

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

Social and Economic Networks Handbook of United States Economic and Financial Indicators, 2nd Edition (Bibliographies and Indexes in Economics and Economic History) Social Anxiety: Ultimate Guide to Overcoming Fear, Shyness, and Social Phobia to Achieve Success in All Social Situations (BONUS, Anxiety Relief, Social Anxiety Treatment) Social Security: Time for a Life of Leisure - The

Guide of Secrets to Maximising Social Security Retirement Benefits and Planning Your Retirement (social ... disability, social security made simple) Rural Economic Development, 1975-1993: An Annotated Bibliography (Bibliographies and Indexes in Economics and Economic History) Likeable Social Media: How to Delight Your Customers, Create an Irresistible Brand, and Be Generally Amazing on Facebook (And Other Social Networks) Designing and Deploying 802.11 Wireless Networks: A Practical Guide to Implementing 802.11n and 802.11ac Wireless Networks For Enterprise-Based Applications (2nd Edition) (Networking Technology) Performance Guarantees in Communication Networks (Telecommunication Networks and Computer Systems) Linked: The New Science Of Networks Science Of Networks A Tale of Two Factions: Myth, Memory, and Identity in Ottoman Egypt and Yemen (Suny Series in the Social and Economic History of the Middle East) Brooks/Cole Empowerment Series: Social Welfare Policy and Social Programs (SW 323K Social Welfare Programs, Policies, and Issues) Kuwait and the Sea: A Brief Social and Economic History Outsiders?: The Changing Patterns of Exclusion in Latin America and the Caribbean, Economic and Social Progress in Latin America, 2008 Report (David Rockefeller/Inter-American Development Bank) Origins of Economic Thought and Justice (Political and Social Economy) Cities, Peasants and Food in Classical Antiquity: Essays in Social and Economic History American Higher Education in the Twenty-First Century: Social, Political, and Economic Challenges Conflict Revolution: Designing Preventative Solutions for Chronic Social, Economic and Political Conflicts Coping With Poverty: Adaptive Strategies in a Caribbean Village (Westview Special Studies in Social, Political, and Economic Development) The Sustainability Handbook: The Complete Management Guide To Achieving Social, Economic and Environmental Responsibility (Environmental Law Institute) The Social and Economic Origins of Monarchy in Jordan (Middle East Today)

[Dmca](#)