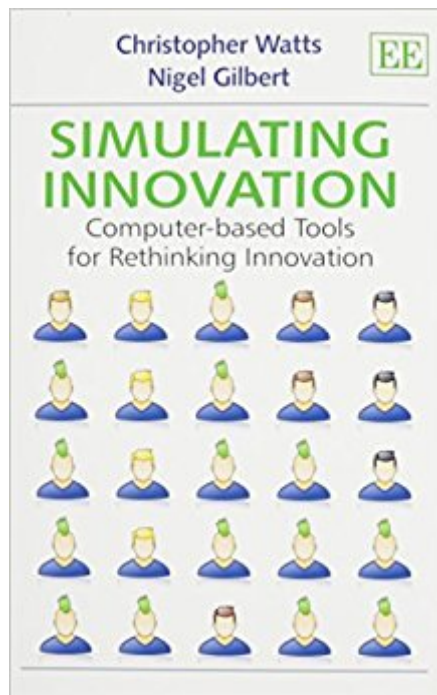




The book was found

Simulating Innovation: Computer-Based Tools For Rethinking Innovation



Synopsis

'This book brings together computer models and simulation approaches that allow the investigation of a wide range of innovation related issues, and hence will be of interest for academics and researchers from a variety of innovation related disciplines.'- Mercedes Bleda, Journal of Artificial Societies and Social Simulation

Christopher Watts and Nigel Gilbert explore the generation, diffusion and impact of innovations, which can now be studied using computer simulations. Agent-based simulation models can be used to explain the innovation that emerges from interactions among complex, adaptive, diverse networks of firms, people, technologies, practices and resources. This book provides a critical review of recent advances in agent-based modeling and other forms of the simulation of innovation. Elements explored include: diffusion of innovations, social networks, organizational learning, science models, adopting and adapting, and technological evolution and innovation networks. Many of the models featured in the book can be downloaded from the book's accompanying website. Bringing together simulation models from several innovation-related fields, this book will prove a fascinating read for academics and researchers in a wide range of disciplines, including: innovation studies, evolutionary economics, complexity science, organization studies, social networks, and science and technology studies. Scholars and researchers in the areas of computer science, operational research and management science will also be interested in the uses of simulation models to improve the understanding of organization.

Book Information

Paperback: 304 pages

Publisher: Edward Elgar Pub; Reprint edition (July 31, 2015)

Language: English

ISBN-10: 1783472456

ISBN-13: 978-1783472451

Product Dimensions: 0.8 x 6.2 x 9.5 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,879,278 in Books (See Top 100 in Books) #83 in Books > Engineering &

Transportation > Engineering > Reference > Research #834 in Books > Computers &

Technology > Computer Science > Computer Simulation #37443 in Books > Business & Money >

Processes & Infrastructure

Customer Reviews

This book brings together computer models and simulation approaches that allow the investigation of a wide range of innovation related issues, and hence will be of interest for academics and researchers from a variety of innovation related disciplines. --- Mercedes Bleda, Journal of Artificial Societies and Social Simulation

Christopher Watts, Ludwig-Maximilians University, Munich, Germany and Nigel Gilbert, University of Surrey, UK

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

Simulating Innovation: Computer-Based Tools for Rethinking Innovation
Simulating Enzyme Reactivity: Computational Methods in Enzyme Catalysis (Theoretical and Computational Chemistry Series)
1st Grade Computer Basics : The Computer and Its Parts: Computers for Kids First Grade (Children's Computer Hardware Books)
What Color Is Your Parachute? Guide to Rethinking Resumes: Write a Winning Resume and Cover Letter and Land Your Dream Interview (What Color Is Your Parachute Guide to Rethinking..)
The Innovation Expedition: A Visual Toolkit to Start Innovation
Emergency Care (21st Century Skills Innovation Library: Innovation in Medicine)
Simplifying Innovation: Doubling Speed to Market and New Product Profits with Your Existing Resources: Guided Innovation
What Customers Want: Using Outcome-Driven Innovation to Create Breakthrough Products and Services: Using Outcome-Driven Innovation to Create Breakthrough ... (Marketing/Sales/Advertising & Promotion)
Revolutionizing Innovation: Users, Communities, and Open Innovation (MIT Press)
Foresight for Science, Technology and Innovation (Science, Technology and Innovation Studies)
Comfort at Your Computer: Body Awareness Training for Pain-Free Computer Use
Crus Computer-Related Syndrome: The Prevention & Treatment of Computer-Related Injuries
iWoz: Computer Geek to Cult Icon: How I Invented the Personal Computer, Co-Founded Apple, and Had Fun Doing It
Computer Memory: Develop A Computer Like Memory In 5 Minutes A Day (Think Faster, Smarter, Sharper)
Computer Organization and Design MIPS Edition, Fifth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design)
Digital Logic Design and Computer Organization with Computer Architecture for Security
Computer Organization and Design, Fourth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design)
Data and Computer Communications (10th Edition) (William Stallings Books on Computer and Data Communications)
Computer Vision: Algorithms and Applications (Texts in Computer Science)
Computer Forensics: Investigating File and Operating Systems, Wireless Networks, and Storage (CHFI), 2nd Edition (Computer Hacking Forensic Investigator)

Contact Us

DMCA

Privacy

FAQ & Help