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 SimulationChristopher 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: #3,346,033 in Books (See Top 100 in Books) #78 in Books > Engineering & Transportation > Engineering > Reference > Research #778 in Books > Computers & Technology > Computer Science > Computer Simulation #23873 in Books > Science & Math > Technology

Simulating Innovation: Computer-Based Tools for Rethinking Innovation HACKING: Beginner's Crash Course - Essential Guide to Practical: Computer Hacking, Hacking for Beginners, & Penetration Testing (Computer Systems, Computer Programming, Computer Science Book 1) Design Thinking Research: Building Innovation Eco-Systems (Understanding Innovation) The Theory and Practice of Innovation Policy: An International Research Handbook (PRIME Series on Research and Innovation Policy in Europe) Innovation and Its Discontents: How Our Broken Patent System is Endangering Innovation and Progress, and What to Do About It Home Based Business Escape Plan: How To Make \$10,000 Per Month With Your Own Part-Time, Online Lifestyle Business: Home Based Business Ideas (Home Based Business Opportunities) Rethinking Grading: Meaningful Assessment for Standards-Based Learning Doctor's Tools (Professional Tools) A Doctor's Tools (Community Helpers and Their Tools) The Tools and Materials of the Watchmaker -A Guide to the Amateur Watchmaker's Toolkit - Including How to make your own Tools Social Media Free Tools: 2016 Edition - Social Media Marketing Tools to Turbocharge Your Brand for Free on Facebook, LinkedIn, Twitter, YouTube & Every Other Network Known to Man The Tools (Miniature Edition): 5 Tools to Help You Find Courage, Creativity, and Willpower--and Inspire You to Live Life in Forward Motion Wicca Altar and Tools: A Beginner's Guide to Wiccan Altars, Tools for Spellwork, and Casting the Circle The Muvipix.com Guide to Adobe Premiere Elements 9 (color version): The tools, and how to use them, to make movies on your personal computer using the best-selling video editing software program. The LaTeX Companion (Tools and Techniques for Computer Typesetting) Nokia Smartphone Hacks: Tips & Tools for Your Smallest Computer Computer Performance Evaluation '92: Modelling Techniques and Tools (Edinburgh Information Technology) 100 Command Line Tools For Windows, Linux and Mac OS/X: How to do things fast, with the same commands, on every computer Building Android Apps with HTML, CSS, and JavaScript: Making Native Apps with Standards-Based Web Tools School-Based Interventions: The Tools You Need To Succeed

<u>Dmca</u>