



Managing Complexity: Insights, Concepts, Applications [

Helbing, D.,
editor

Springer Berlin Heidelberg,
2008

Monografía

Each chapter in *Managing Complexity* focuses on analyzing real-world complex systems and transferring knowledge from the complex-systems sciences to applications in business, industry and society. The interdisciplinary contributions range from markets and production through logistics, traffic control, and critical infrastructures, up to network design, information systems, social conflicts and building consensus. They serve to raise readers' awareness concerning the often counter-intuitive behavior of complex systems and to help them integrate insights gained in complexity research into everyday planning, decision making, strategic optimization, and policy. Intended for a broad readership, the contributions have been kept largely non-technical and address a general, scientifically literate audience involved in corporate, academic, and public institutions

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMTY2MjA3NzY>

Título: Managing Complexity: Insights, Concepts, Applications [Recurso electrónico-En línea] edited by D. Helbing

Editorial: Berlin, Heidelberg Springer Berlin Heidelberg 2008

Descripción física: IX, 393 p. online resource

Tipo Audiovisual: Business Management Industrial management Operations research Decision making Information technology Business Data processing System theory Statistical physics Dynamical systems Complexity, Computational Business and Management Operation Research/Decision Theory Statistical Physics, Dynamical Systems and Complexity Innovation/Technology Management Complexity IT in Business Systems Theory, Control

Mención de serie: Understanding Complex Systems 1860-0832

Documento fuente: Springer eBooks

Nota general: Business and Economics (Springer-11643)

Contenido: Managing Complexity: An Introduction -- Managing Complexity: An Introduction -- Markets and Business -- Market Segmentation: The Network Approach -- Managing Autonomy and Control in Economic Systems -- Complexity and the Enterprise: The Illusion of Control -- Logistics and Production -- Benefits and

Drawbacks of Simple Models for Complex Production Systems -- Logistics Networks: Coping with Nonlinearity and Complexity -- Repeated Auction Games and Learning Dynamics in Electronic Logistics Marketplaces: Complexity, Bounded Rationality, and Regulation through Information -- Traffic -- Decentralized Approaches to Adaptive Traffic Control -- Critical Infrastructures Vulnerability: The Highway Networks -- Critical Infrastructures and Systemic Risks -- Trade Credit Networks and Systemic Risk -- A Complex System\2019s View of Critical Infrastructures -- Information Systems -- Bootstrapping the Long Tail in Peer to Peer Systems -- Coping with Information Overload through Trust-Based Networks -- Conflict and Consensus -- Complexity in Human Conflict -- Fostering Consensus in Multidimensional Continuous Opinion Dynamics under Bounded Confidence -- Multi-Stakeholder Governance - Emergence and Transformational Potential of a New Political Paradigm -- Conflict and Consensus -- Evolutionary Engineering of Complex Functional Networks -- Path Length Scaling and Discrete Effects in Complex Networks

Restricciones de acceso: Accesible sólo para usuarios de la UPV

Tipo recurso electrónico: Recurso a texto completo

Detalles del sistema: Forma de acceso: Web

ISBN: 9783540752615 978-3-540-75261-5

Autores: Helbing, D., editor

Entidades: SpringerLink (Online service)

Enlace a formato físico adicional: Printed edition 9783540752608

Punto acceso adicional serie-Título: Understanding Complex Systems 1860-0832

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es