Handbook of Research on Nature Inspired Computing for Economics and Management

Edited by:

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Key Features

- Authoritative contributions by over 100 internationally renowned experts

- A single source for comprehensive information on an expansive field

- In-depth definitions of more than 400 key terms

- 114 tables and more than 380 figures with detailed illustrations

- Organized by topic and indexed, making it a convenient method of reference for all IT/IS scholars and professionals

- More than 1,850 references to existing literature and research on computer modeling for business

- Cross-referencing of key terms, figures, and information

The **Handbook of Research on Nature Inspired Computing for Economics and Management** is the original, comprehensive reference work on research and applications of nature inspired computing to economics and management. It is an authoritative source, providing global coverage of this new and exciting field. Gathering the work of over 100 internationally known contributors, this two-volume set explores how complexities found in nature can be modeled to simulate and optimize business situations. It also provides practitioners a global view of the current and future applications of this ground-breaking technology.

Topics Covered

Applications of nature inspired computing for:

- Algorithms
- Economy: theory and practice
- Evolutionary systems
- Finance and stock-market
- Forecasting
- Manufacturing systems
- Marketing, e-commerce, and e-auctions
- Modeling
- Multi-agent systems and bottom-up simulations for social sciences
- Neural networks
- Operations management
- Software agents
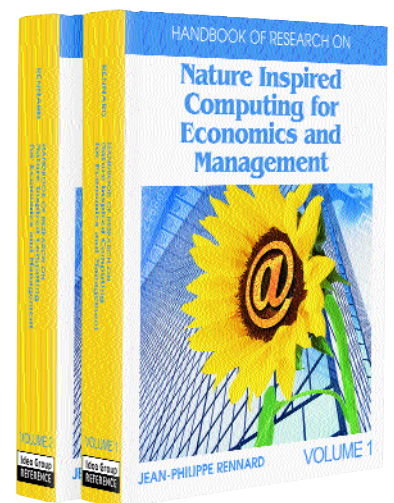
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*Pre-publication price is good through one month after publication.
** Online access is for institutions and is good for the life of the edition.

"Students in computer sciences, social sciences, and management will find all the necessary material to master the field, and to help them in their training."
— **Prof. Jean-Philippe Rennard**

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