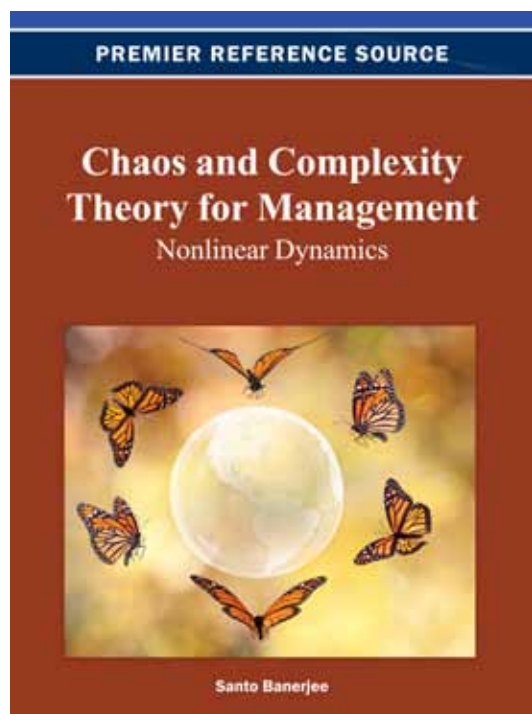


# An Excellent Addition to Your Library!

Released: November 2012

## Chaos and Complexity Theory for Management: Nonlinear Dynamics



ISBN: 9781466625099; © 2013; 313 pp.

Print: US \$185.00 | Perpetual: US \$280.00 | Print + Perpetual: US \$370.00

### Pre-pub Discount:\*

Print: US \$175.00 | Perpetual: US \$265.00

\* Pre-pub price is good through one month after publication date.

Santo Banerjee (Politecnico di Torino, Italy)

Although chaos theory refers to the existence between seemingly random events, it has been gaining the attention of science, technology and managements fields. The shift from traditional procedures to the dynamics of chaos and complexity theory has resulted in a new element of complexity thinking, allowing for a greater capability for analyzing and understanding key business processes.

**Chaos and Complexity Theory for Management: Nonlinear Dynamics** explores chaos and complexity theory and its relationship with the understanding of natural chaos in the business environment. Utilizing these theories aids in comprehending the development of businesses as a complex adaptive system.

### Topics Covered:

- Business Process Management
- Chaos and Complexity Theory
- Chaotic Essence
- Complex Adaptive Systems
- Management Principles
- Non-Linear Dynamics
- Non-Linear Economic Systems

**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

**Santo Banerjee** (PhD, Physics; 2008) was a senior research associate in Department of Mathematics, Politecnico di Torino, Torino, Italy and also a research scientist in Micro and Nanotechnology Unit in Techfab s.r.l., Chivasso, Italy from 2009-2011. Currently he is a research associate in the Institute for Mathematical Research, UPM, Malaysia. He is also a founder member of the International Science Association (ISCASS), Ankara, Turkey and head of the Department of Complexity and Network Dynamics, ISCASS. He has 11 books and total 75 research articles in the field of Nonlinear Dynamics and its various applications. His current research area includes Chaotic systems, Laser and Plasma, Synchronization, Cryptography, Genetic Engineering and Soft Computing, Social and Neural networks, Non linearity in Management, Econophysics etc. He has organized many international Conferences. He was a keynote speaker in many International Symposiums, also reviewer of more that 30 SCI indexed international journals. He is an editor of "International Journal of Chaos and Complex Systems" (IJCCS) under ISCASS.