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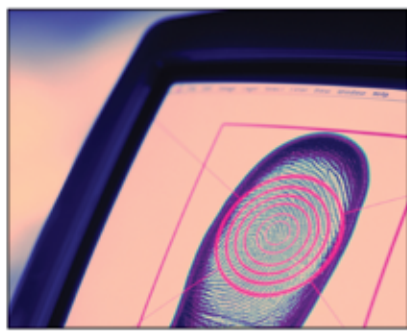
Released: July 2010

Chaos Synchronization and Cryptography for Secure Communications: Applications for Encryption

PREMIER REFERENCE SOURCE

Chaos Synchronization and Cryptography for Secure Communications

Applications for Encryption



Santo Banerjee

ISBN: 9781615207374; © 2011; 596 pp.

Print: US \$180.00 | Perpetual: US \$255.00 | Print + Perpetual: US \$360.00

Santo Banerjee (Politecnico di Torino, Italy)

Over the past few decades, there has been numerous research studies conducted involving the synchronization of dynamical systems with several theoretical studies and laboratory experimentations demonstrating the pivotal role for this phenomenon in secure communications.

Chaos Synchronization and Cryptography for Secure Communications: Applications for Encryption explores the combination of ordinary and time delayed systems and their applications in cryptographic encoding. This innovative publication presents a critical mass of the most sought after research, providing relevant theoretical frameworks and the latest empirical research findings in this area of study.

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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 than 30 SCI indexed international journals. He is an editor of *International Journal of Chaos and Complex Systems* (IJCCS) under ISCASS.



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