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Altri autori (Persone)	SuykensJohan A. K VandewalleJ <1948-> (Joos)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; Contents; Chapter 1 Introduction; Chapter 2 Cellular Neural/Nonlinear Networks; Chapter 3 Multi-Scroll Chaotic and Hyperchaotic Attractors; Chapter 4 Synchronization of Chaotic Lur'e Systems; Chapter 5 Engineering Applications; Chapter 6 General Conclusions and Future Work; Bibliography; Notation; Index
Sommario/riassunto	For engineering applications that are based on nonlinear phenomena, novel information processing systems require new methodologies and design principles. This perspective is the basis of the three cornerstones of this book: cellular neural networks, chaos and synchronization. Cellular neural networks and their universal machine implementations offer a well-established platform for processing spatial-temporal patterns and wave computing. Multi-scroll circuits are generalizations to the original Chua's circuit, leading to chip

implementable circuits with increasingly complex attractors. Several
