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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Section 1 – Fundamentals of Cortical Dynamics -- Dynamics of Storage and Recall in Hippocampal Associative Memory Networks -- On the Nested Hierarchical Organization of CNS: Basic Characteristics of Neuronal Molecular Networks -- Neural Phase Transitions That Made Us Mammals -- Section 2 – Mathematical Models of Cortical Dynamics -- Mean Field Methods for Cortical Network Dynamics -- Chaotic Neuron Dynamics, Synchronization, and Feature Binding -- A Complex Systems Approach to an Interpretation of Dynamic Brain Activity I: Chaotic Itinerancy Can Provide a Mathematical Basis for Information Processing in Cortical Transitory and Nonstationary Dynamics -- A

Complex Systems Approach to an Interpretation of Dynamic Brain
Activity II: Does Cantor Coding Provide a Dynamic Model for the
Formation of Episodic Memory? -- Itinerant Dynamics of Class I*
Neurons Coupled by Gap Junctions.
