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Titolo	Rhythmic oscillations in proteins to human cognition // Anirban Bandyopadhyay, Kanad Ray, editors
Pubbl/distr/stampa	Gateway East, Singapore : , : Springer, , [2021] Â©2021
ISBN	981-15-7253-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (X, 361 p. 149 illus., 110 illus. in color.)
Collana	Studies in rhythm engineering
Disciplina	612.022
Soggetti	Biological rhythms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Macromolecular Resonances -- Reformulating Physics Without Time -- Electric and magnetic elds inside neurons and their impact upon the cytoskeletal microtubules -- Time Crystal Engineering in Catalytic Reaction Cycles -- Blue light spectroscopy from electronic visual displays -- Quantum neural networks and Quantum Intelligence -- Oscillations and synchrony in a network of delayed neural masses -- Consciousness in the Universe, as Tuned by a Musical Master Code: A Hydrodynamic Superfluid Quantum Space Guides a Conformal Mental Attribute of Reality. The Hard Problem in Consciousness Studies Revisited.
Sommario/riassunto	This book explores various aspects of biophysics, from neurobiology to quantum biology and the consciousness of human beings and in the universe. It examines eight different areas of natural intelligence, ranging from time crystals found in chemical biology, to the vibrations and the resonance of proteins, and also discusses hierarchical communication in various biological systems. Written by senior and experts in the field in language that is lucid and easy to understand, it is a valuable reference resource for researchers and practitioners in academia and industry.