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QUANTUM-MECHANICAL SYSTEM THEORY: A UNIFYING FRAMEWORK FOR OBSERVATIONS AND STOCHASTIC PROCESSES IN QUANTUM MECHANICS

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IRREVERSIBLE THERMODYNAMICS FOR QUANTUM SYSTEMS WEAKLY COUPLED TO THERMAL RESERVOIRS

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SOLVABLE MODELS FOR UNSTABLE STATES IN QUANTUM PHYSICS

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ASPECTS OF KINETIC THEORY

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KINETIC THEORY OF PLASMAS

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HOW DOES INFORMATION ORIGINATE? PRINCIPLES OF BIOLOGICAL SELF-ORGANIZATION*

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PATTERN FORMATION IN REACTING AND DIFFUSING SYSTEMS

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INSTABILITY AND FAR-FROM-EQUILIBRIUM STATES OF CHEMICALLY REACTING SYSTEMS

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TEMPORAL, SPATIAL, AND FUNCTIONAL ORDER IN REGULATED BIOCHEMICAL AND CELLULAR SYSTEMS

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ELECTRIC FIELDS AND SELF-COHERENT PATTERNS AND STRUCTURES IN CHEMICAL SYSTEMS: LARGE-SCALE EFFECTS AND BIOLOGICAL IMPLICATIONS

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