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CHAOTIC SYSTEM; HARMONIC ANALYSIS OF UNSTABLE SYSTEMS
PROPERTIES OF PERMANENT AND TRANSIENT CHAOS IN CRITICAL
STATESFROM COUPLED DYNAMICAL SYSTEMS TO BIOLOGICAL
IRREVERSIBILITY; PART TWO TRANSPORT AND DIFFUSION;
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FRACTAL DISTRIBUTIONS; DIFFUSION AND THE POINCARÉ-BIRKHOFF
MAPPING OF CHAOTIC SYSTEMS; TRANSPORT THEORY FOR COLLECTIVE
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HAMILTONIAN SYSTEMS; PART THREE QUANTUM THEORY,
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BREAKING; PART FOUR EXTENSION OF QUANTUM THEORY AND FIELD
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POSSIBLE ORIGINS OF QUANTUM FLUCTUATION GIVEN BY ALTERNATIVE
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Sommario/riassunto

Leading research, perspectives, and analysis of dynamical systems and irreversibility Edited by Nobel Prize winner Ilya Prigogine and renowned authority Stuart A. Rice, the Advances in Chemical Physics series provides a forum for critical, authoritative evaluations in every area of the discipline. In a format that encourages the expression of individual points of view, experts in the field present comprehensive analyses of subjects of interest. Volume 122 collects papers from the XXI Solvay Conference on Physics, dedicated to the exploration of "Dynamical Systems and Irreversibility." Ioan
