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Sommario/riassunto	This proceedings highlights recent developments in nonlinear, dynamical, and complex systems. The conference was intended to provide an essential forum for Scientists and Engineers to exchange ideas, methods, and techniques in the field of nonlinear dynamics, chaos, fractals, and their applications in general science and engineering sciences. The principal aim of CHAOS2024 International Conference is to expand the development of the theories of the applied nonlinear field, the methods, empirical data, and computer techniques as well as the best theoretical achievements of chaotic theory. CHAOS2024 Conference provides a forum for bringing together the various groups working in the area of nonlinear and dynamical systems, chaotic theory, and application to exchange views and report research findings.