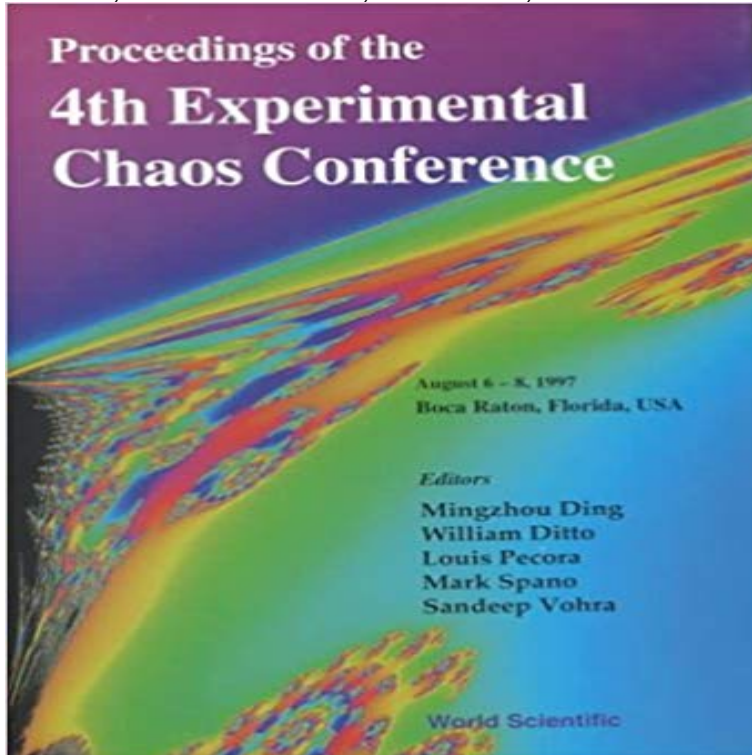


Proceedings of the 4th Experimental Chaos Conference: August 6-8, 1997, Boca Raton, Florida, USA



This is a collection of papers from the Fourth Experimental Chaos Conference. The conference was a forum for members of the scientific and engineering communities to discuss developments in, and techniques of, experimental nonlinear dynamics. The focus of this conference was on actual realizations of nonlinear and chaotic systems. The latest developments in applications of nonlinear dynamics and chaos were presented, the requirement being that all presentations were actually implemented in experiments or devices. The areas covered were spatio-temporal patterns, optical chaos, biological dynamics, communication and synchronization, control of chaotic systems, mechanical dynamics, fluid dynamics, quantum chaos and chaotic condensed matter systems.

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