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Altri autori (Persone)	SanjuanMiguel A. F (Miguel Angel Fernandez) GrebogiCelso <1947->
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Nota di contenuto	Preface; Contents; 1. Reduction of the Chaotic Transport of Impurities in Turbulent Magnetized Plasmas C. Chandre, G. Ciraolo and M. Vittot; 2. Controlling Chaos in a Chaotic Neural Network G. He, P. Zhu, J. Kuroiwa and K. Aihara; 3. Adaptive Feedback Control of Periodic Orbits in Chaotic Systems H. Ando, S. Boccaletti and K. Aihara; 4. Feedback Anti-control of Chaos Y. Shi and G. Chen; 5. Delayed Feedback Control Techniques K. Pyragas and V. Pyragas; 6. Phase Control in Nonlinear Systems S. Zambrano, J. M. Seoane, I. P. Mari no, M. A. F. Sanju an and R. Meucci 7. Recent Advances in Control of Complex Dynamics in Mechanical and Structural Systems G. Rega and S. Lenci8. Clipping Chaos to Cycles S. Sinha; 9. A Minimal Model of City Traffic: Chaos, Critical Behavior and Control J. A. Valdivia, B. A. Toledo, V. Mu~noz and J. Rogan; 10. Controlling Chaotic Bursting in Map-based Neuron Network Models R. L. Viana, J. C. A. de Pontes, S. R. Lopes, C. A. S. Batista and A. M. Batista; 11. Partial Control of Chaotic Systems S. Zambrano and M. A. F. Sanju an; 12. Continuous and Pulsive Feedback Control of Chaos G. Litak, L. M. Saha and M. Ali 13. Chaos Control L. F. R. Turci and E. E. N. Macau14. Chaos

	Stabilization in the Three Body Problem A. R. Dzhanoev, A. Loskutov, J. E. Howard and M. A. F. Sanju an; 15. Controlling the Chaos using Fuzzy Estimation in a Gyrostat Satellite A. Guran; Index
Sommario/riassunto	This book provides a collection of research papers on one of the topics where the applications of chaos have been more fruitful: controlling chaos. Here, new theoretical ideas, as experimental implementations of controlling chaos, are included, while the applications contained in this volume can be referred to turbulent magnetized plasmas, chaotic neural networks, modeling city traffic and models of interest in celestial mechanics. ""Recent Progress in Controlling Chaos"" will provide an overview of the recent progress in this field, which will be very useful for students and researchers. The