Título: Regular And Chaotic Dynamics. Applied Mathematical Sciences Vol. 38

Autor: Lichtenberg, A. J. ; Lieberman, M. A.   **Precio:** $1362.50

Editorial: **Año:** 1992

Tema: **Edición:** 1ª

Sinopsis   **ISBN:** 9780387977454

This book treats nonlinear dynamics in both Hamiltonian and dissipative systems. The emphasis is on the mechanics for generating chaotic motion, methods of calculating the transitions from regular to chaotic motion, and the dynamical and statistical properties of the dynamics when it is chaotic. The book is intended as a self consistent treatment of the subject at the graduate level and as a reference for scientists already working in the field. It emphasizes both methods of calculation and results. It is accessible to physicists and engineers without training in modern mathematics. The new edition brings the subject matter in a rapidly expanding field up to date, and has greatly expanded the treatment of dissipative dynamics to include most important subjects. It can be used as a graduate text for a two semester course covering both Hamiltonian and dissipative dynamics.