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Notes on Dynamical Systems

By Jurgen Moser, Eduard Zehnder

American Mathematical Society. Paperback. Book Condition: new. BRAND NEW, Notes on Dynamical Systems, Jurgen Moser, Eduard Zehnder, This book is an introduction to the field of dynamical systems, in particular, to the special class of Hamiltonian systems. The authors aimed at keeping the requirements of mathematical techniques minimal but giving detailed proofs and many examples and illustrations from physics and celestial mechanics. After all, the celestial N -body problem is the origin of dynamical systems and gave rise in the past to many mathematical developments. Jurgen Moser (1928-1999) was a professor at the Courant Institute, New York, and then at ETH Zurich. He served as president of the International Mathematical Union and received many honors and prizes, among them the Wolf Prize in mathematics. Jurgen Moser is the author of several books, among them "Stable and Random Motions in Dynamical Systems". Eduard Zehnder is a professor at ETH Zurich. He is coauthor with Helmut Hofer of the book "Symplectic Invariants and Hamiltonian Dynamics".



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