

## Quantum Chaos (Enrico Fermi International School of Physics)



The study of quantum systems which are chaotic in the classical limit (quantum chaos or quantum chaology) is a very new field of research. Not long ago, it was still considered as an esoteric subject, however this attitude changed radically when it was realized that this subject is relevant to many of the more mature branches of physics. This book presents the accumulated knowledge available up until now and at the same time introduces topics which are being intensively studied at present. Their relevance to other fields such as condensed matter, atomic and nuclear physics is also discussed. The lectures have been divided into two rough categories - background and advanced lectures.

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Journal reference: in: New Directions in Quantum Chaos (Proceedings of the International School of Physics Enrico Fermi, Course CXLIII), **Chaos out of order: Quantum mechanics, the correspondence** International School of Physics Enrico Fermi. Quantum Computers, Algorithms and Chaos. Bertrand Georgeot. CNRS and Universite Paul Sabatier, Toulouse, **Quantum Computer, Algorithms and Chaos - Barnes & Noble** (Proceedings of the International School of Physics Enrico Fermi course 119) At head of title: Italian Physical Society Title on added t.p.: Caos quantico. **New Directions in Quantum Chaos (International School of Physics** International Workshop Quantum Transport in One Dimension , Dresden, Germany, 14 in: Proceedings of the International School of Physics ``Enrico Fermi on New Directions in Quantum Chaos, Course CXLIII, eds. G. Casati, I. Guarneri, **Book Series: Enrico Fermi International School of Physics - Elsevier** New Directions in Quantum Chaos: Proceedings of the International School of Physics Enrico Fermi, Course CXLIII, Varenna on Lake Como, Villa Monastero, **Quantum Chaos by Giulio Casati Reviews, Discussion** I. and SMILANSKY U. (Editors), Proceedings of the 1991 Enrico Fermi International School of Physics on Quantum Chaos (North-Holland, Amsterdam) 1993. **New Directions in Quantum Chaos: Proceedings of the International** Albert, 1994: D.Z. Albert The Foundations of Quantum Mechanics and the Approach Chaos, Proceedings of the International School of Physics, Enrico Fermi **Quantum Chaos: Between Order and Disorder - Google Books Result** Jul 5, 2005 International School of Physics Enrico Fermi extensively in the field of quantum chaos, in which typical problems are decoherence and the **Quantum Chaos - Google Books Result** The online version of Quantum Chaos by G. Casati, I. Guarneri and U. Smilansky on A volume in Enrico Fermi International School of Physics. Edited by:G. **Quantum Chaos: Proceedings of the International School of Physics** Nov 12, 2014 Proceedings, International School of Physics Enrico Fermi, 143rd Course, New Directions in Quantum Chaos : Varenna, Italy, July 20-30, Giulio Casati (\* 9. Dezember 1942) ist ein italienischer theoretischer Physiker, der sich mit mit Giuliano Benenti, Giuliano Strini Principles of Quantum Information and Computations, World Scientific, 2 Bande, Herausgeber Quantum Chaos, Proceedings of the International School of Physics Enrico Fermi, North Holland **Giulio Casati Wikipedia** S. Fishman in Quantum Chaos, Proceedings of the International School of Physics Enrico Fermi, Course CXIX, Ed. G. Casati, I. Guarneri and U. Smilansky **Proceedings of the International School of Physics Enrico Fermi** Giulio Casati (born December 10, 1942) is Emeritus Professor of Theoretical Physics at Insubria University. Casati is known for his work on chaos, both classical and quantum, being He is presently the scientific director of the Lake Como School of Advanced Studies. He also Jump up ^ International Institute of Physics. **New Directions in Quantum Chaos - Google Books Result** Quantum Chaos (Enrico Fermi International School of Physics) - Kindle edition by Giulio Casati, I. Guarneri, G. Casati, U. Smilansky. Download it once and read **Publications: Quantum Nonequilibrium & Integrable Systems Group** Ebook: Quantum Computers, Algorithms and Chaos. cover. Series. Proceedings of the International School of Physics Enrico Fermi. Volume. 162. Published. **Quantum Chaos - ScienceDirect** Classical non-linear dynamics, and its descent into chaos, is a widely . B. Eckhardt, Lecture notes for the International School of Physics Enrico Fermi on. **Quantum Computers, Algorithms and Chaos ( School [Olsh13]** Maxim Olshanii, Back-of-the-Envelope Quantum Mechanics: With . and Maxim Olshanii, Two simple systems with cold atoms: quantum chaos tests and . in VSCPT cooling, Procc. of International School of Physics Enrico Fermi,