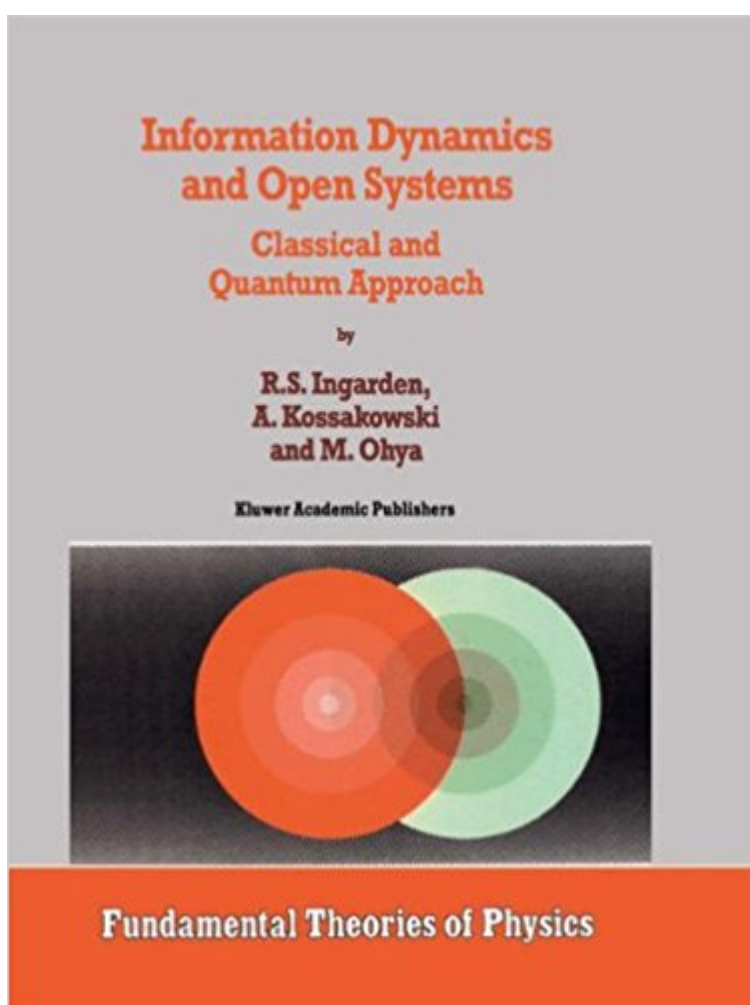


The book was found

# Information Dynamics And Open Systems: Classical And Quantum Approach (Fundamental Theories Of Physics)



## Synopsis

This book has a long history of more than 20 years. The first attempt to write a monograph on information-theoretic approach to thermodynamics was done by one of the authors (RSI) in 1974 when he published, in the preprint form, two volumes of the book "Information Theory and Thermodynamics" concerning classical and quantum information theory, [153] (220 pp.), [154] (185 pp.). In spite of the encouraging remarks by some of the readers, the physical part of this book was never written except for the first chapter. Now this material is written completely anew and in much greater extent. A few years earlier, in 1970, second author of the present book, (AK), a doctoral student and collaborator of RSI in Torun, published in Polish, also as a preprint, his habilitation dissertation "Information-theoretical decision scheme in quantum statistical mechanics" [196] (96 pp.). This small monograph presented his original results in the physical part of the theory developed in the Torun school. Unfortunately, this preprint was never published in English. The present book contains all these results in a much more modern and developed form.

## Book Information

Series: Fundamental Theories of Physics (Book 86)

Hardcover: 310 pages

Publisher: Springer; 1997 edition (March 31, 1997)

Language: English

ISBN-10: 0792344731

ISBN-13: 978-0792344735

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,930,303 in Books (See Top 100 in Books) #39 in [Books > Science & Math > Physics > Entropy](#) #533 in [Books > Computers & Technology > Computer Science > Information Theory](#) #1323 in [Books > Science & Math > Chemistry > Physical & Theoretical](#)

[Download to continue reading...](#)

Information Dynamics and Open Systems: Classical and Quantum Approach (Fundamental Theories of Physics) Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance) Dynamics, Information and Complexity in Quantum Systems (Theoretical and Mathematical Physics) Advanced Molecular Quantum Mechanics: An Introduction to Relativistic

Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics) Recent Advances in the Theory of Chemical and Physical Systems: Proceedings of the 9th European Workshop on Quantum Systems in Chemistry and Physics ... in Theoretical Chemistry and Physics) Tunneling Dynamics in Open Ultracold Bosonic Systems: Numerically Exact Dynamics  $\hat{A} \hat{B} \hat{C} \hat{D} \hat{E} \hat{F} \hat{G} \hat{H} \hat{I} \hat{J} \hat{K} \hat{L} \hat{M} \hat{N} \hat{O} \hat{P} \hat{Q} \hat{R} \hat{S} \hat{T} \hat{U} \hat{V} \hat{W} \hat{X} \hat{Y} \hat{Z}$  Analytical Models  $\hat{A} \hat{B} \hat{C} \hat{D} \hat{E} \hat{F} \hat{G} \hat{H} \hat{I} \hat{J} \hat{K} \hat{L} \hat{M} \hat{N} \hat{O} \hat{P} \hat{Q} \hat{R} \hat{S} \hat{T} \hat{U} \hat{V} \hat{W} \hat{X} \hat{Y} \hat{Z}$  Control Schemes (Springer Theses) Quantum Physics: Beginner's Guide to the Most Amazing Physics Theories Quantum Thermodynamics: Emergence of Thermodynamic Behavior Within Composite Quantum Systems (Lecture Notes in Physics) Mathematics of Classical and Quantum Physics (Dover Books on Physics) Quantum Systems, Channels, Information (de Gruyter Studies in Mathematical Physics) Quantum Electrodynamics: Gribov Lectures on Theoretical Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology) At the Frontier of Spacetime: Scalar-Tensor Theory, Bells Inequality, Machs Principle, Exotic Smoothness (Fundamental Theories of Physics) Gauge Theories in Particle Physics, Vol. 2: Non-Abelian Gauge Theories: QCD and the Electroweak Theory (Volume 1) Dynamics of Glassy, Crystalline and Liquid Ionic Conductors: Experiments, Theories, Simulations (Topics in Applied Physics) Quantum Runes: How to Create Your Perfect Reality Using Quantum Physics and Teutonic Rune Magic (Creating Magick with The Universal Laws of Attraction Book 1) Covariant Loop Quantum Gravity: An Elementary Introduction to Quantum Gravity and Spinfoam Theory (Cambridge Monographs on Mathematical Physics) The Quantum Mechanics Solver: How to Apply Quantum Theory to Modern Physics M: Information Systems (Irwin Management Information Systems) Fundamentals of Physics II: Electromagnetism, Optics, and Quantum Mechanics (The Open Yale Courses Series) Fundamentals of Physics II: Electromagnetism, Optics, and Quantum Mechanics: 2 (The Open Yale Courses Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)