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Nota di contenuto	Transport and Interactions in One Dimension -- Nonequilibrium Mesoscopic Conductors Driven by Reservoirs -- A Linear Response Theory of 1D-Electron Transport Based on Landauer Type Model -- Gapped Phases of Quantum Wires -- Interaction Effects in One-Dimensional Semiconductor Systems -- Correlated Electrons in Carbon Nanotubes -- Bosonization Theory of the Resonant Raman Spectra of Quantum Wires -- Transport and Interactions in Zero and Two Dimensions -- An Introduction to Real-Time Renormalization Group -- Spin States and Transport in Correlated Electron Systems -- Non-linear Transport in Quantum-Hall Smectics -- Thermodynamics of Quantum Hall Ferromagnets.
Sommario/riassunto	This book covers recent advances relating to electronic transport properties of interacting low-dimensional systems. Detailed articles written by leading experts allow newcomers and advanced students to us is as a modern textbook, including many references for further

study. Topics are interactions and new phases in one-dimensional systems and the identification of power laws in transport and optical properties, carbon nanotubes, non-equilibrium transport in zero and one dimension, spin-related effects, and novel effects in two-dimensional systems under quantum Hall conditions.
