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Nota di contenuto	Preface; Contents; 1. Introduction; 2. Quantum Spin-1/2 Chain with the Nearest-Neighbour Couplings; 3. Co-ordinate Bethe Ansatz for a Heisenberg-Ising Ring; 4. Correlated Electron Chains: Co-ordinate Bethe Ansatz; 5. Algebraic Bethe Ansatz; 6. Correlated Quantum Chains with Open Boundary Conditions; 7. Correlated Quantum Chains with Isolated Impurities; 8. Correlated Quantum Chains with a Finite Concentration of Impurities; 9. Finite Size Corrections in Quantum Correlated Chains; 10. Beyond the Integrability: Approximate Methods; Bibliography; Index
Sommario/riassunto	The book presents exact results for one-dimensional models (including quantum spin models) of strongly correlated electrons in a comprehensive and concise manner. It incorporates important results related to magnetic and hybridization impurities in electron hosts and contains exact original results for disordered ensembles of impurities in interacting systems.