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| 1. Record Nr. | UNINA9910814302003321 |
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| Titolo | Finite size effects in correlated electron models : exact results / / Andrei A. Zvyagin |
| Pubbl/distr/stampa | London, : Imperial College, 2005 |
| ISBN | 1-281-86689-X 9786611866891 1-86094-686-0 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (380 p.) |
| Disciplina | 530.411 |
| Soggetti | Electron configuration Condensed matter |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| 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. |