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| Altri autori (Persone) | HalperinBertrand SevrinA (Alexander) |
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| Nota di contenuto | The International Solvay Institutes; 24th Solvay Conference on Physics; Opening Session; CONTENTS; Special Session: On the Quantum Theory of Condensed Matter B. Halperin; Session 1: Mesoscopic and Disordered Systems Chair: D. Loss; Session 2: Exotic Phases and Quantum Phase Transitions in Model Systems Chair: A. Georges; Session 3: Experimentally Realized Correlated-Electron Materials Chair: M. Rice; Session 4: Quantum Hall Systems, and One-Dimensional Systems Chair: J. Chalker; Session 5: Systems of Ultra-Cold Atoms, and Advanced Computational Methods Chair: P. Zoller Closing Session Chair of the conference Bertrand Halperin |
| Sommario/riassunto | Ever since 1911, the Solvay Conferences have shaped modern physics. The 24th edition chaired by Bertrand Halperin did not break the tradition. Held in October 2008, it gathered in Brussels most of the leading figures working on the quantum theory of condensed matter, addressing some of the most profound open problems in the field. The proceedings contain the rapporteur talks giving a broad overview with unique insights by distinguished renowned scientists. These lectures cover the five sessions treating: mesoscopic and disordered systems; |

