

River Publishers Series in Electronic Materials, Circuits and Devices

Advances in Highly Correlated Systems

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Description:

Advances in Highly Correlated Systems explores the fundamentals, recent advances, and applications of the physics of highly correlated materials. This book serves as a handbook/reference for advanced graduate students.

- Provides fascinating insights into the major developments and applications of strongly correlated materials.
- Integrates various numerical/theoretical models, such as dynamic mean-field theory, Hubbard model, Ab-Initio Calculation etc.
- Encompasses a useful experimental and theoretical basis for students, researchers, and scientists.

Keywords: Dynamical mean field theory (DMFT), Quantum Magnetism and Frustration, Topological aspects; Multiferroics, Electronic and spintronic devices.

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