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Collana	Contemporary mathematics ; ; 552
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Quantum Heisenberg Models and their Probabilistic Representations""1. Introduction""; ""1.1. Guide to notation""; ""2. Hilbert space, spin operators, Heisenberg Hamiltonian""; ""2.1. Graphs and Hilbert space""; ""2.2. Spin operators""; ""2.3. Hamiltonians and magnetization""; ""2.4. Gibbs states and free energy""; ""2.5. Symmetries""; ""3. Stochastic representations""; ""3.1. Poisson edge process, cycles and loops""; ""3.2. Duhamel expansion""; ""3.3. TA ³ th's representation of the ferromagnet""; ""3.4. Aizenman-Nachtergaele's representation of the antiferromagnet"" ""4. Thermodynamic limit and phase transitions""4.1. Thermodynamic limit""; ""4.2. Ferromagnetic phase transition""; ""4.3. Antiferromagnetic phase transition""