

V. Spin models in low dimensions

- 46 Nils Peter Hasenclever *Analytic finite size corrections for the density matrix of the XXZ-Heisenberg chain*
- 47 Jens Damerau *Non-linear integral equations for the thermodynamics of the one-dimensional Uimin-Sutherland model*
- 48 Igor Karnaukhov *Exactly solvable dimerized XXZ Heisenberg chain*
- 49 Alexander Seel *The XXZ chain: correlation functions at finite temperatures*
- 50 Klaus Wiele *Spinon excitations in the XX chain: Spectra, observability, transition rates, interaction and thermodynamics*
- 51 Stefan Glocke *Density-matrix renormalization group: S-1/2 Heisenberg chain in a staggered magnetic field and extended Hubbard models*
- 52 Simon Grossjohann *Dynamics of the spin-1/2 Heisenberg chain in magnetic fields*
- 53 Hans Gerd Evertz *Phonon spectra in spin Peierls transitions*
- 54 Stefan-Ludwig Drechsler *$\text{Li}_2\text{ZrCuO}_4$ - a novel helicoidal chain cuprate near the quantum critical point*
- 55 Jürgen Schnack *Modeling the magnetism of hole-doped CuO_2 spin chains in $\text{Sr}_{(1-x)}\text{Ca}_x\text{Cu}_2\text{O}_4$*
- 56 Hans-Henning Klauss *High field level crossing studies on spin dimers in the low dimensional quantum spin system $\text{Na}_2\text{T}_2(\text{C}_2\text{O}_4)_3(\text{H}_2\text{O})_2$ with $T=\text{Ni, Co, Fe, Mn}$*
- 57 Alexander Sologubenko *Magnetothermal transport in the spin-1/2 chains of cooper pyrazine dinitrate*
- 58 Joachim Deisenhofer *Optical properties of the 1D antiferromagnet KCuF_3*
- 59 Stephan Rachel *Valence bond solids for $\text{SU}(n)$ spin chains. Exact models, spinon confinement, and the Haldane gap*
- 60 Michael Sentef *Dynamic spin conductivity of Heisenberg antiferromagnets*