

Referências experimentais hidrodinâmica em materiais magnéticos:

1) modelo xy

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2) antiferromagnetismo de Heisenberg ($RbMnF_3$)

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b) G.F. Mazenko et al., “Critical dynamics of isotropic antiferromagnets using renormalization-group methods: $T < T_N$ ”, Phys. Rev. B **18**, 2281 (1978)

c) R. Coldea et al., “Critical behavior of the three-dimensional Heisenberg antiferromagnet $RbMnF_3$ ”, Phys. Rev. B **57**, 5281 (1998)

d) Shan-Ho Tsai, et al., “Spin-dynamics simulations of the magnetic dynamics of $RbMnF_3$ and direct comparison with experiment”, Phys. Rev. B **61**, 333 (2000).

Teoria

1) P.C. Martin et al., “Unified Hydrodynamic Theory for Crystals, Liquid Crystals, and Normal Fluids”, Phys. Rev. A **6**, 2401 (1972)

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3) T.C. Lubensky, “A derivation of the hydrodynamical equations for superfluid helium”, J. of Low Temperature Phys. **11**, 247 (1973).