José María Román

Publications

1. A. LeClair, J. M. Román and G. Sierra,

Log-periodic Behavior of Finite-size Effects in Field Theories with RG Limit Cycles. *Nucl. Phys.* **B700** (2004) 407-435. (hep-th/0312141).

2. G. Sierra, J. M. Román and J. Dukelsky,

The Elementary Excitations of the BCS Model in the Canonical Ensemble, Int. J. Mod. Phys. A19S2 (2004) 381-395. (cond-mat/0301417).

3. J. M. P. Carmelo, J. M. Román and K. Penc,

Charge and Spin Quantum Fluids Generated by Many-Electron Interactions, Nucl. Phys. **B683** (2004) 387-422. (cond-mat/0302044).

4. A. LeClair, J. M. Román and G. Sierra,

Russian Doll Renormalization Group and Superconductivity, *Phys. Rev.* **B69** (2004) 020505 (4 pages). (cond-mat/0211338).

5. A. LeClair, J. M. Román and G. Sierra,

Russian Doll Renormalization Group, Kosterlitz-Thouless Flows, and the Cyclic sine-Gordon Model,

Nucl. Phys. **B675** (2003) 584-606. (hep-th/0301042).

6. J. Dukelsky, J. M. Román and G. Sierra,

Comment on *Polynomial-time Simulation of Pairing Models on a Quantum Computer*, *Phys. Rev. Lett.* **90** (2003) 249803. (quant-ph/0305139).

7. J. M. Román, G. Sierra and J. Dukelsky,

Elementary Excitations of the BCS Model in the Canonical Ensemble, *Phys. Rev.* **B67** (2003) 064510 (6 pages). (cond-mat/0207640).

8. J. M. Román, G. Sierra and J. Dukelsky.

Large N Limit of the Exactly Solvable BCS Model: Analytics versus Numerics, Nucl. Phys. **B634** (2002) 483-510. (cond-mat/0202070).

9. J. M. Román and J. Soto,

Spin Waves in Canted Phases: An Application to Doped Manganites, *Phys. Rev.* **B62** (2000) 3300-3315. (cond-mat/9911471).

10. J. M. Román and J. Soto,

Continuum Double Exchange Model,

Phys. Rev. **B59** (1999) 11418-11423. (cond-mat/9810389).

11. J. M. Román and J. Soto,

Spin Wave Mediated Non-Reciprocal Effects in Antiferromagnets, Ann. Phys. **273** (1999) 37-57. (cond-mat/9709299).

12. J. M. Román and J. Soto,

Effective Field Theory Approach to Ferromagnets and Antiferromagnets in Crystalline Solids,

Int. J. Mod. Phys. B13 (1999) 755-789. (cond-mat/9709298).

13. J. M. Román, G. Sierra, J. Dukelsky and M. A. Martín-Delgado,

The Matrix Product Approach to Quantum Spin Ladders, J. Phys. **A31** (1998) 9729-9759. (cond-mat/9802150).

14. J. M. Román and R. Tarrach,

The Regulated Four-Parameter One-Dimensional Point Interaction, J. Phys. A29 (1996) 6073-6085. (hep-th/9511010).

José María Román 5 November 2010 Página 1/1