

## R. Moessner: List of Publications

- B1 Topological Aspects of Condensed Matter Physics (C. Chamon, M. O. Goerbig, R. Moessner, and L. F. Cugliandolo), Oxford University Press (2014)
- B2 Topological Phases of Matter (R. Moessner and J. Moore), Cambridge University Press (2021)
001. Exact results for interacting electrons in high Landau levels (R. Moessner and J. T. Chalker), Phys. Rev. B **54**, 5006 (1996)
002. Two Systems with macroscopically degenerate groundstates: electrons in high Landau levels and geometrically frustrated antiferromagnets, D. Phil. thesis, Oxford University (1997)
003. Interacting electrons in high Landau levels (R. Moessner and J. T. Chalker), in "*High Magnetic Fields in the Physics of Semiconductors II*" ed. by G. Landwehr and W. Ossau, 135-138 (1997)
004. Relief and generation of frustration in pyrochlore magnets by single-ion anisotropy (R. Moessner), Phys. Rev. B **57**, R5587 (1998)
005. Properties of a Classical Spin Liquid: The Heisenberg Pyrochlore Antiferromagnet (R. Moessner and J. T. Chalker), Phys. Rev. Lett. **80**, 2929 (1998)
006. Low-temperature properties of classical, geometrically frustrated anti-ferromagnets (R. Moessner and J. T. Chalker), Phys. Rev. B **58**, 12049 (1998)
007. Magnetic Susceptibility of Diluted Pyrochlore and  $\text{SrCr}_{9-9x}\text{Ga}_{3+9x}\text{O}_{19}$  Antiferromagnets (R. Moessner and A. J. Berlinsky), Phys. Rev. Lett. **83**, 3293 (1999)
008. Two-Dimensional Periodic Frustrated Ising Models in a Transverse Field (R. Moessner, S. L. Sondhi and P. Chandra), Phys. Rev. Lett. **84**, 4457 (2000)
009. Slow holes in the triangular Ising antiferromagnet (R. Moessner and S. L. Sondhi), Phys. Rev. B **62**, 14122 (2000)
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013. Ising models of quantum frustration (R. Moessner and S. L. Sondhi), *Phys. Rev. B* **63**, 224401 (2001)
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015. Short-ranged resonating valence bond physics, quantum dimer models and Ising gauge theories (R. Moessner, S. L. Sondhi and E. Fradkin), *Phys. Rev. B* **65**, 024504 (2001)
016. Order by distortion and string modes in pyrochlore antiferromagnet (O. Tchernyshyov, R. Moessner and S. L. Sondhi), *Phys. Rev. Lett.* **88**, 067203 (2002)
017. Spin-Peierls phases in pyrochlore antiferromagnets (O. Tchernyshyov, R. Moessner and S. L. Sondhi), *Phys. Rev. B* **66**, 064403 (2002)
018. Classical dimers on the triangular lattice (P. Fendley, R. Moessner and S. L. Sondhi), *Phys. Rev. B* **66**, 214513 (2002)
019. Resonating Valence Bond Liquid Physics on the Triangular Lattice (R. Moessner and S. L. Sondhi), *Progr. Theor. Phys. Supp.* **145**, 37 (2002)
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021. Ising and dimer models in two and three dimensions (R. Moessner and S. L. Sondhi), *Phys. Rev. B* **68**, 054405 (2003)
022. Theory of the [111] magnetization plateau in spin ice (R. Moessner and S. L. Sondhi), *Phys. Rev. B* **68**, 064411 (2003)
023. Interplay of quantum and thermal fluctuations in a frustrated magnet (S. V. Isakov and R. Moessner), *Phys. Rev. B* **68**, 104409 (2003)
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