

Quantum Spin Liquids on Honeycomb Geometries

Fan Yang¹, Kirill Plekhanov^{1,2}, Ariane Soret^{1,3}, Loïc Henriët⁴,
Guillaume Roux² and Karyn Le Hur¹

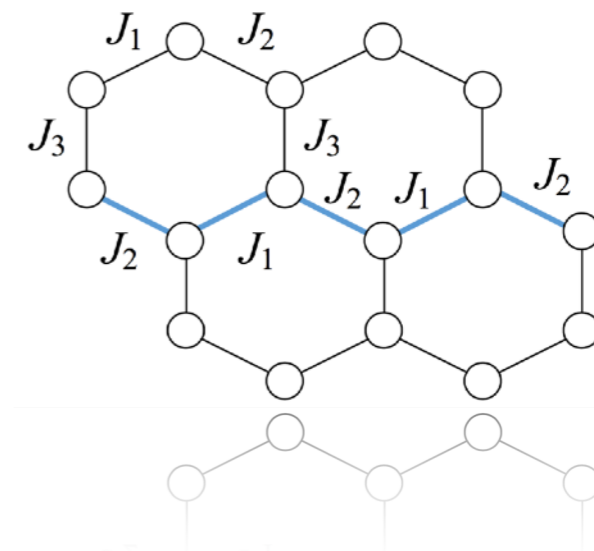
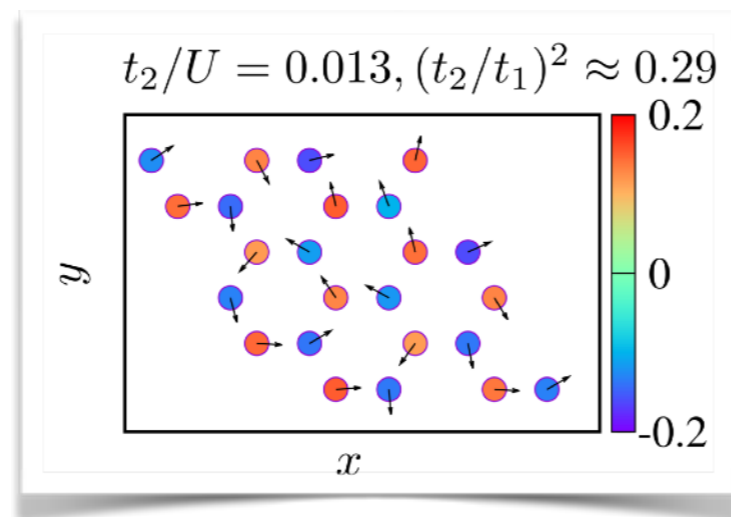
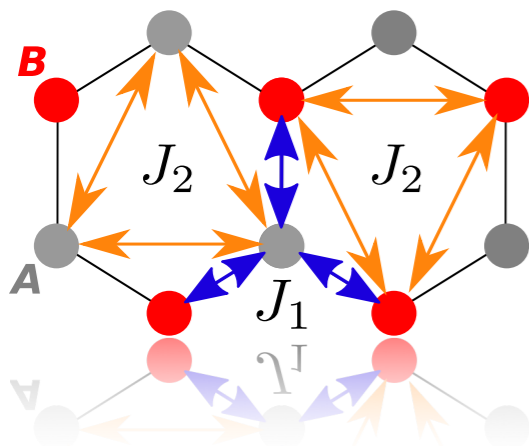
¹CPHT, Ecole Polytechnique, France; ²LPTMS, Université Paris-Saclay, France;

³Department of Physics, Technion Israel Institute of Technology, Israel;

⁴ICFO, The Barcelona Institute of Science and Technology, Spain

Chiral spin state in the Mott phase of a bosonic Kane-Mele-Hubbard model

K. Plekhanov, I. Vasić, A. Petrescu, R. Nirwan, G. Roux,
W. Hofstetter, K. Le Hur, PRL **120**, 157201 (2018)



Engineering with a driven superconducting box circuit

F. Yang, L. Henriët, A. Soret, K. Le Hur,
ArXiv: 1801.05698 (2018)

Majorana spin liquids in ladders

K. Le Hur, A. Soret, F. Yang, PRB **96**, 205109 (2017)

