

Lista de articole

- [1] D. Sticlet, C. Bena, and P. Simon, “Spin and Majorana Polarization in Topological Superconducting Wires,” *Phys. Rev. Lett.*, vol. 108, no. 9, p. 096802, Mar. 2012.
- [2] D. Sticlet, F. Piéchon, J.-N. Fuchs, P. Kalugin, and P. Simon, “Geometrical engineering of a two-band Chern insulator in two dimensions with arbitrary topological index,” *Phys. Rev. B*, vol. 85, no. 16, p. 165456, Apr. 2012.
- [3] D. Chevallier, D. Sticlet, P. Simon, and C. Bena, “Mutation of Andreev into Majorana bound states in long superconductor-normal and superconductor-normal-superconductor junctions,” *Phys. Rev. B*, vol. 85, no. 23, p. 235307, Jun. 2012.
- [4] D. Sticlet and F. Piéchon, “Distant-neighbor hopping in graphene and Haldane models,” *Phys. Rev. B*, vol. 87, no. 11, p. 115402, Mar. 2013.
- [5] D. Sticlet, C. Bena, and P. Simon, “Josephson effect in superconducting wires supporting multiple Majorana edge states,” *Phys. Rev. B*, vol. 87, no. 10, p. 104509, Mar. 2013.
- [6] D. Chevallier, D. Sticlet, P. Simon, and C. Bena, “Effects of finite superconducting coherence lengths and of phase gradients in topological SN and SNS junctions and rings,” *Phys. Rev. B*, vol. 87, no. 16, p. 165414, Apr. 2013.
- [7] D. Sticlet, B. Dóra, and J. Cayssol, “Persistent currents in Dirac fermion rings,” *Phys. Rev. B*, vol. 88, no. 20, p. 205401, Nov. 2013.
- [8] D. Sticlet, L. Seabra, F. Pollmann, and J. Cayssol, “From fractionally charged solitons to Majorana bound states in a one-dimensional interacting model,” *Phys. Rev. B*, vol. 89, no. 11, p. 115430, Mar. 2014.
- [9] D. Sticlet and J. Cayssol, “Dynamical response of dissipative helical edge states,” *Phys. Rev. B*, vol. 90, no. 20, p. 201303, Nov. 2014.
- [10] D. Sticlet, L. Seabra, F. Pollmann, and J. Cayssol, “Topological superconductivity in the one-dimensional interacting Creutz model,” *J. Phys.: Conf. Ser.*, vol. 592, no. 1, p. 012133, 2015.
- [11] D. Sticlet and A. Akhmerov, “Attractive critical point from weak antilocalization on fractals,” *Phys. Rev. B*, vol. 94, no. 16, p. 161115, Oct. 2016.
- [12] D. Sticlet, B. Nijholt, and A. Akhmerov, “Robustness of Majorana bound states in the short-junction limit,” *Phys. Rev. B*, vol. 95, no. 11, p. 115421, Mar. 2017.
- [13] D. Sticlet, J. D. Sau, and A. Akhmerov, “Dissipation-enabled fractional Josephson effect,” *Phys. Rev. B*, vol. 95, no. 11, p. 115421, Mar. 2017.
- [14] L. Wang, T. O. Rosdahl, “Platform for nodal topological superconductors in monolayer molybdenum dichalcogenides,” *Phys. Rev. B*, vol. 98, p. 205411, Nov. 2018.