

Publications

1. S. Sugawa, F. Salces-Carcoba, Y. Yue, A. Putra, and I. B. Spielman. Observation and characterization of a non-abelian gauge field's wilczek-zee phase by the wilson loop, 2019. preprint on webpage at <https://arxiv.org/abs/1910.13991>
2. A. Putra, F. Salces-Carcoba, Y. Yue, S. Sugawa, and I. B. Spielman. Spatial coherence of spin-orbit-coupled bose gases, 2019. preprint on webpage at <https://arxiv.org/abs/1910.03613>
3. F. Salces-Carcoba, C. J. Billington, A. Putra, Y. Yue, S. Sugawa, and I. B. Spielman. Equations of state from individual one-dimensional bose gases. *New Journal of Physics*, 20:113032, nov 2018
4. S. Sugawa, F. Salces-Carcoba, A. R. Perry, Y. Yue, and I. B. Spielman. Second chern number of a quantum-simulated non-abelian yang monopole. *Science*, 360(6396):1429–1434, 2018
5. K. Morgan, V. Andrianarijaona, I. N. Draganic, X. Defay, M. Fogle, A. Galindo-Uribarri, C. I. Guillen, C. C. Havener, M. Hokin, D. McCammon, D. J. Nader, S. L. Romano, F. Salces-Carcoba, P. Sauter, D. Seely, P. C. Stancil, C. R. Vane, A. K. Vasantachart, and D. Wulf. Charge exchange x-ray emission: Astrophysical observations and potential diagnostics. *AIP Conference Proceedings*, 1525(1):49–54, 2013