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64. G. E. Granroth, **M. Daum**, A. A. Aczel, T. J. Williams, B. Winn, J. A. Fernandez-Baca, **M. Mourigal**, M. D. Lumsden, “Incident Beamline Design for a Modern Cold Triple Axis Spectrometer at the High Flux Isotope Reactor”, *Submitted* (January 2024).
63. **F. T. Brooks**, **X. Bai**, J. Bacsá, S. Calder, N. Butch, V. O. Garlea, **M. Mourigal**, “Multipolar magnetism in Van der Waals rare-earth oxyhalides: DyOCl, DyOBr and DyOF”, *Submitted* (January 2024).
62. X. Huai, E. Acheampong, E. Delles, M. J. Winiarski, **L. Nassar**, M. Liang, C. Ramette, H. Ji, A. Scheie, S. Calder, **M. Mourigal**, T. T. Tran, “Noncentrosymmetric Triangular Magnet CaMnTeO₆: Strong Quantum Fluctuations and Role of s⁰ vs. s² Electronic States in Competing Exchange Interactions”, *Submitted* (December 2023).
61. **H. Lane**, H. Zhang, D. Dahlbom, **S. Quinn**, R. D. Somma, **M. Mourigal**, C. D. Batista, and K. Barros “Kernel Polynomial Method for Linear Spin Wave Theory”, *Submitted* (December 2023), [[arxiv](#)].
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59. **A. Desai**, T. Williams, **M. Daum**, G. Sala, A. Aczel, B. Winn, G. Granroth, and **M. Mourigal**, “Monte-Carlo ray-tracing studies of multiplexed prismatic graphite analyzers for the cold-neutron triple-axis spectrometer at the High Flux Isotope Reactor”, *Submitted* (December 2023), [[arxiv](#)].
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