A quantum-noise-limited pulsed gradiometer at Earth's field

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For novel heading error correction, see Poster S1:36 (Thurs.) W. Lee, et al., "Heading error analysis of a pulsed ⁸⁷Rb magnetometer at geomagnetic fields"





1.) V. G. Lucivero, W. Lee, M. V. Romalis, M. E. Limes, E. L. Foley, T. W. Kornack (2019) arXiv: 2.) V. G. Lucivero, N.D. McDonough, N. Dural, and M. V. Romalis, Phys. Rev. A 96, 062702 (2017) 3.) D. Sheng, S. Li, N. Dural, and M. V. Romalis, Phys Rev. Lett. 110 160802 (2013)