Characterization of a Compact Cylindrically Symmetric Micro-Mott Polarimeter

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A small quasi-cylindrically-symmetric polarimeter, simpler in conception and construction than its spherical counterparts, has been designed and built [3]. Using a new negative electron affinity GaAs polarized electron source, this compact Mott polarimeter’s efficiency has been determined and its Sherman function has been estimated.


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Date submitted: 22 Jan 2014

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