Abstract Submitted
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Beyond-Standard-Model Interactions and Hadron Phenomenology[1] SIMONETTA LIUTI, University of Virginia — I will discuss the impact of recent developments in hadron phenomenology on extracting possible fundamental tensor interactions beyond the standard model. A novel class of observables, including the chiral-odd generalized parton distributions, and the transversity parton distribution function can contribute to the constraints on this quantity. Dedicated analyses for the extraction of the scalar and tensor hadronic matrix elements at both Jlab @ 12 GeV and at the future EIC will provide sufficiently precise measured values in addition to a, so far, absent testing ground for lattice QCD calculations.

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