

Abstract Submitted  
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**New insights into the nucleon structure through bag model studies of the energy momentum tensor** MATTHEW NEUBELT, PETER SCHWEITZER, none — Information about the energy momentum tensor of the nucleon can in principle be inferred from studies of generalized parton distribution functions which enter the description of hard exclusive reactions. Presently the data do not yet allow to deduce model-independent information, and results from effective models are of great interest. We present first results on the energy momentum tensor of the nucleon from the MIT bag model. In particular, also the bag model predicts the constant  $d_1$  to be negative in agreement with results from lattice QCD, and other approaches.

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None

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