

Abstract Submitted
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Nucleon electromagnetic form factors in nuclear matter. TAI HORIKAWA, WOLFGANG BENTZ, Tokai University — We use the quark-diquark picture to construct the nucleon, and calculate its electromagnetic form factors. Furthermore, we estimate the medium effects for electromagnetic form factors by using the equation of state of nuclear matter in the mean field approximation. In this contribution, I explain the effect of the diquark intrinsic form factor, and the renormalization from the vector meson and pion cloud around the constituent quarks.

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