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2D densities of the energy-momentum tensor in a quark model

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The form factors of the energy-momentum tensor (EMT) contain a wealth of information about the nucleon. At the density level, this information can be described in terms of energy, pressure, shear forces and angular momentum distributions inside the nucleon. In this talk we present recent results on the associated 2D densities of the energy-momentum tensor in the bag model, formulated in the large- N_c limit. We also study the properties of the 2D EMT densities of the nucleon in a non-relativistic limit and in the heavy quark limit.

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