

Femto-science: Electromagnetic transition form factors of the nucleon

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Understanding the structure of hadrons is the core mission of hadron physics. Electromagnetic form factors provide us an angle to understand the structure of hadrons. For instance, in the history of particle physics, by studying the electromagnetic form factors of electron-proton scattering one inferred the existence of partons, namely, quarks. In this talk, I will present a model independent study on the transition form factors of the Nucleon to its excitation $N^*(1520)$ using dispersion relations.

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