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The Compton amplitude and structure functions of the nucleon

Monday 12 December 2022 15:00 (15 minutes)

I focus on the QCDSF/UKQCD/CSSM lattice collaboration's advances in calculating the forward Compton amplitude of nucleon via an implementation of the second-order Feynman-Hellmann theorem. I highlight our progress on investigating the low moments of (un)polarised structure functions of the nucleon.

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