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Lattice QCD input for neutrino-nucleus scattering

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In this review, I will cover the status of the calculations of quantities that are needed in the analysis of neutrinos off nuclear targets. These include the axial charge and the form factors of the nucleon. A discussion of systematics—removing excited state contributions and obtaining results at the physical point will be included. Looking ahead, I will conclude with prospects of calculating transition matrix elements.

Topical area

Structure of Hadrons and Nuclei

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