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Freedom in the chiral three-nucleon force at N3LO

Content

We will discuss the low-energy constants parametrizing the most general off-shell nucleon-nucleon contact interaction at N3LO and its relation to the three-nucleon force. These contributions allow to address long-standing discrepancies in the polarization observables of nucleon-deuteron scattering, such as the A_y puzzle.

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May 15, 2025 Page 57