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Recent development in lattice QCD studies for three-nucleon forces TAKUMI DOI, Nishina Center, RIKEN, HAL QCD COLLABORATION
— The direct determination of nuclear forces from QCD has been one of the most desirable challenges in nuclear physics. Recently, a first-principles lattice QCD determination is becoming possible by a novel theoretical method, HAL QCD method, in which Nambu-Bethe-Salpeter (NBS) wave functions are utilized. In this talk, I will focus on the study of three-nucleon forces in HAL QCD method by presenting the recent theoretical / numerical development.

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