

Introduction of ERATO Three-Nucleon Force Project TOMOE

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The JST-ERATO Sekiguchi Three-Nucleon Forces Project (TOMOE Project) is currently ongoing. This project aims to determine three-nucleon forces based on chiral effective field theory using high-precision scattering data from few-nucleon experiments. Establishing a quantum many-body calculation to describe nuclear properties with high predictive power is within the scope. I will present an overview of this project.

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