

Abstract Submitted
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Effective Field Theory Approach to Two- and Many-Body Forces

RUPRECHT MACHLEIDT, University of Idaho — The past has seen many attempts to derive the nuclear force. The recently developed effective field theory approach to nuclear forces is superior to all earlier attempts. It represents a scheme that has an intimate relationship with QCD and allows to calculate nuclear forces to any desired accuracy. Moreover, nuclear two- and many-body forces are generated on the same footing. In my contribution, I will summarize the current status in the field.

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