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New ideas on EFT approach to nuclear system

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Recent development of applying chiral effective field theory (EFT) potential on nuclear structure calculation has gained huge success in terms of describing data. However, it also faces problems such as sensitivity to the input data and cutoff. More fundamentally, there is an ongoing debit on whether EFT is lost in the current framework. In this talk the shortcomings of current approach will be discussed, and ideas of an improved version of obtaining interaction from chiral EFT will be introduced.

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