



国立研究開発法人理化学研究所 仁科加速器科学研究センター
第294回 RIBF核物理セミナー
RIKEN Nishina Center for Accelerator Based Science
The 294th RIBF Nuclear Physics Seminar

Structure of light Λ Xi hypernuclei and Hyperon-Hyperon interaction

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Recently, Λ Xi hypernucleus, $^{14}\text{N}-\Lambda$ hypernuclei, were observed as a bound state, which was the first bound Λ Xi hypernucleus. From this data, we found that Λ Xi- nucleus potential should be attractive.

As next step, it is important to know which contribution of Λ Xi-N interaction should be attractive or repulsive. To study these contributions, it is suited to study light Λ Xi hypernuclei. In this seminar, I will report some Λ Xi hypernuclei from the view point of the few-body problem.

Apr. 13th (Tue.) 2021 13:30~
via Zoom meeting system

* The talk will be given in English language.

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