



独立行政法人理化学研究所 仁科加速器研究センター  
第109回RIBF核物理セミナー  
RIKEN Nishina Center for Accelerator Based Science  
The 109th RIBF Nuclear Physics Seminar

Hadronic interactions, and the stability of multiquarks

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In the first part, I shall survey how the problem of the nucleon-nucleon interaction can be extended, as to include other hadron-hadron systems.

This leads to the question of possible exotic states, either from the point of view of hadron-hadron molecules, or as multiquark systems.

In the second part, I shall review several mechanisms proposed for multiquark states, in particular the Steiner-tree model of confinement, which generalizes the linear confinement of quark-antiquark mesons to higher configurations.

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RIBF Conf. Hall, RIKEN

*The seminar will be given in English.*

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