独立行政法人理化学研究所　仁科加速器研究センター
第９９回RIBF核物理セミナー
RIKEN Nishina Center for Accelerator Based Science
The 99th RIBF Nuclear Physics Seminar

Strange dibaryon resonance in Kbar N N - π Y N coupled-channel system

Dr. Yoichi Ikeda（ Strangeness Nuclear Physics Laboratory）

We have studied the energy of strange dibaryon with the use of Kbar N N - π Y N coupled-channel Faddeev equations. We found the resonance pole in the 3-body amplitudes analytically continued into the unphysical energy sheets.
In this seminar, I would like to present our model of Kbar N interaction which is derived from the leading order term of chiral effective Lagrangian, and show our numerical results on the energy of strange dibaryon.

Apr. 13(Tue), 2010　14:00-
RIBF Conf. Hall, RIKEN

The seminar will be given in English.

Contact: RIBF Nuclear Physics Seminar Organizer
seminar@ribf.riken.jp
http://ribf. riken.jp/~seminar