

We gratefully acknowledge supp the Simons Fo and member ins

arXiv.org > hep-lat > arXiv:1106.2281			
High Energy P	hysics - Lattice	Dow	
Extraction of Hadron Interactions above Inelastic Threshold in Lattice QCD Sinya Aoki, Noriyoshi Ishii, Takumi Doi, Tetsuo Hatsuda, Yoichi Ikeda, Takashi Inoue, Keiko Murano, Hidekatsu Nemura, Kenji Sasaki (HAL QCD Collaboration)		<ul><li>PDF</li><li>Post</li><li>Othe</li></ul>	Script formats
		ni Inoue, new   rec	t browse cont
(Submitted on 12 Jun 2011) We propose a new method to extract hadron interactions above inelastic threshold from the Nambu- Bethe-Salpter amplitude in lattice QCD. We consider the scattering such as \$A+B\rightarrow C+D\$, where \$A,B,C,D\$ are names of different 1-particle states. An extension to cases where particle productions occur during scatterings is also discussed.		mbu-	e to browse b
		+D\$, Refere • INSPI (refers • NASA	nces & Citatic RE HEP to   cited by) ADS
Comments: Subjects: Report number: Cite as:	13 pages, typeset using ptptex.cls <b>High Energy Physics - Lattice (hep-lat)</b> ; Nuclear Theory (nucl-th) UTHEP-631 <b>arXiv:1106.2281 [hep-lat]</b>	Bookm	ark(what is this?)
	(or arXiv:1106.2281v1 [hep-lat] for this version)		

## **Submission history**

From: Sinya Aoki [view email] [v1] Sun, 12 Jun 2011 05:56:14 GMT (30kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.