

Oral contribution

Multiquark states and the mixing of scalar meson

戴连荣^{1,2}, 刘佳¹, 张丹³

1 Department of Physics, Liaoning Normal University, Dalian 116029, China

2 Institute of High Energy Physics, and Theoretical Physics Center for Science Facilities, CAS, Beijing 100049, China

3 Department of physics, Inner Mongolia University, Hohhot 010021, China

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摘要

In order to describe Kaon-Nucleon scattering data, the mixing of scalar meson σ_0 and σ_8 must be introduced in the chiral SU(3) quark model. Inspired by this, now the mixing of scalar meson is further considered to study some interesting dibaryons in the chiral SU(3) quark model. The results show that the mixing of scalar meson has different effects on these dibaryons.

关键词 [chiral SU\(3\) quark model, dibaryon, mixing of scalar meson](#)

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DOI:

通讯作者:

戴连荣 dailr@lnnu.edu.cn

作者个人主页:

戴连荣^{1,2}; 刘佳¹; 张丹³

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