

Oral contribution

Charmed baryon resonances with heavy-quark symmetry

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收稿日期 2009-8-7 修回日期 网络版发布日期 2009-11-11 接受日期 2009-11-11

摘要

We study charmed baryon resonances that are generated dynamically from a coupled-channel unitary approach that implements heavy-quark symmetry. Some states can already be identified with experimental observations, such as $\Lambda_c(2595)$, $\Lambda_c(2660)$, $\Sigma_c(2902)$ or $\Lambda_c(2941)$, while others need a compilation of more experimental data as well as an extension of the model to include higher order contributions. We also compare our model to previous SU(4) schemes.

关键词 [charmed baryon resonances, heavy-quark symmetry, SU\(8\) and SU\(4\) spin-flavor symmetry](#)

分类号

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