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Type: **Talk**

Spectroscopy of heavy-light baryons in quark-diquark picture

Tuesday 6 September 2022 16:10 (20 minutes)

We study the heavy-light baryons in picture of heavy quark-light diquark cluster. Modified Regge relation between mass and angular momentum, derived using flux tube model, is used to predict spin-average masses. Spin dependent interactions are also included to compute mass spectrum of heavy-light baryons. Predicted masses of these systems matches well with experimentally observed masses. We predict spin and parity of experimentally observed states whose spin and parity are not confirmed yet.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

Maybe

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