



Contribution ID: 160

Type: **Contributed Talk**

Unified tetraquark equations

Thursday, 3 August 2023 15:55 (15 minutes)

The four quark covariant equations are presented which are adjusted to the description of tetraquarks in terms of an admixture of two-body diquark-antidiquark and two meson states. These equations unify seemingly unrelated the most developed models of the tetraquark where the diquark-antidiquark and meson-meson interactions are realised via quark exchange mechanism in one of them and via constituent quark interaction in another. Besides, the coupling to the two quark channel is taken into account.

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Session Classification: Thursday Parallel Session: Few-body systems (Atrium Maximum)