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Constituent quark model. What have we learned about exotic states?

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In this contribution we present a rather personal overview of the most important results regarding the stability and general properties of states formed by two quarks and two antiquarks from the perspective of the constituent quark model (CQM). We will focus most part of the discussion on the different approaches that can be found in the literature for describing double-heavy four quark states, both $QQ\bar{q}\bar{q}$ and $Qq\bar{Q}\bar{q}$, within the CQM. Different approximations will be explored and discussed.

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