

Multiquark systems from a quark model perspective

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The physics of multiquarks, both heavy and light, has become one of the best laboratories to expose the limitations and challenges of the naive quark model and also to provide us with hints into a more mature description of hadron spectroscopy. In this talk some of the more recent results on multiquark hadron spectroscopy are discussed. Due entirely to my own biased perspective and experience, it will mainly be focused on what can be learned from a quark model framework, discussing its advantages and shortcomings. In the meson sector, special attention will be paid to the possible role played by these multiquark configurations in the description of the new X , Y , and Z states.

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