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The unquenched quark model and its last application in baryons.

In this contribution, we briefly analyze the formalism of the unquenched quark model (UQM) and its application to calculate the mass shifts of ground-state octet and decuplet baryons due to the coupling to the meson-baryon continuum. We describe the electro-production of Baryon-Meson states from proton in the framework of the UQM. Finally, we discuss the strangeness suppression factor within the UQM. The theoretical results are in good agreement with the values extracted from CERN and JLab experiments.

Experimental Collaboration

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