

# Study of Light Baryon Resonances in a Chiral Quark Model

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In this work, we study the properties of the light baryons employing a constituent quark model in the hypercentral approach. The model considers through the interacting potential one-gluon exchange, Goldstone boson exchange and confinement, aspects of underlying theory, quantum chromodynamics. We introduce three different potential models and solve Schrodinger equation of the baryonic system employing different methods. Finally, we study the properties of light baryon resonances and also present a comparison between our three models.

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