

# Spectroscopy of heavy baryons

*Wednesday, June 7, 2023 3:00 PM (30 minutes)*

We present a quark model analysis of  $S$ - and  $P$ -wave baryon states with one, two and three heavy quarks ( $Q = c, b$ ) in the framework of the harmonic oscillator quark model. The study of heavy baryons is based on masses, electromagnetic and strong couplings. The results are found to be in good agreement with the available experimental data.

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