Light Cone 2015



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Electromagnetic properties of the nucleon in the covariant Faddeev approach

Wednesday, 23 September 2015 09:30 (30 minutes)

The covariant three-body Faddeev approach and its application to nucleon and delta properties are briefly reviewed. I will discuss results for mass spectra as well as nucleon and delta elastic and transition form factors, together with the role of electromagnetic gauge invariance and vector-meson dominance. I will also talk about some recent work on Compton scattering, pion-cloud effects and the road towards timelike form factors.

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Session Classification: 8.