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## Amplitude analysis for diffractive resonance production

*Monday 13 March 2017 18:00 (30 minutes)*

We present some results on the analysis of  $\eta\pi$  resonances from peripheral scattering of pions off of nuclear targets. This analysis is motivated by the recent results by the COMPASS collaboration. The theoretical models emphasize final state interactions which satisfy  $S$ -matrix principles. We show how the model fits to COMPASS results, and obtain the resonance content for the  $\eta\pi$   $D$ -wave sector.

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