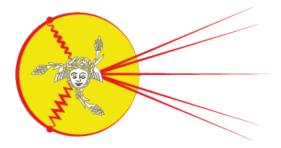
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Exclusive photoproduction of a gamma rho pair with a large invariant mass

Monday, 5 September 2016 12:10 (20 minutes)

Exclusive photoproduction of a gamma rho pair in the kinematics where the pair has a large invariant mass and the final nucleon has a small transverse momentum is described in the collinear factorization framework. The scattering amplitude is calculated at leading order in alphaS and the differential cross sections for the process where the rho-meson is either longitudinally or transversely polarized are estimated in the kinematics of the JLab experiments.

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