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Getting access to generalized parton distributions in exclusive photoproduction of a large invariant mass gamma-meson pair

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In the framework of collinear QCD factorization, we study the photoproduction of a gamma meson pair with a large invariant mass and a small transverse momentum, as a new way to access generalized parton distributions (GPDs), in both chiral-even and chiral-odd sectors. In the kinematics of JLab~12-GeV, we demonstrate the feasibility of this measurement.

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