

Abstract Submitted
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$\Sigma^+(1385)$ photoproduction on proton GAGIK GAVALIAN, M. AMARIAN, ODU, CLAS COLLABORATION — The search for missing resonances using coupled channel analysis, $N\pi$ and KY , has been ongoing project at CLAS (Jefferson Lab). In this analysis the differential cross sections for the reaction $\gamma p \rightarrow K^0 \Sigma^+(1385)$ have been measured with CLAS. The differential cross sections and the angular dependence of the K^0 in the reaction center of mass frame are obtained using a tagged photon beam with photon energies from 1.5 GeV to 3.6 GeV. The cross sections and angular dependences will be compared with theoretical predictions using KY coupling to known and missing resonances.

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