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$\Sigma^+(1189)$ Hyperon Polarization in Photo-production CHANDRA NEPALI, MOSKOV AMARYAN, GAGIK GAVALIAN, Old Dominion University, CLAS COLLABORATION — Since the considerable measurement of Λ^0 hyperon polarization in reaction with unpolarized proton beam on unpolarized target, the polarization of different hyperons have been measured at different energies with different beam on different target. We have measured the polarization of $\Sigma^+(1189)$ hyperon in photo-production and result will be presented. The data set collected on hydrogen target in the photon energy range from 1.5-3.6 GeV on CLAS are used for this analysis.

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