

Abstract Submitted
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An Investigation Of Elliptical Polarization Arising From The Optical Properties Of Liquid Crystals¹ KADEEM LAFARGUE, Allegheny College
— This report describes the individual and independent experience of studying elliptically polarized light through holographic gratings filled with dye-doped liquid crystals. On the way facing difficulties I did obtain data to prove the elliptical polarization of the light. While also educating myself on liquid crystals and their endless ensemble of properties that help create that. Even though off topic I spent time looking at them since they were liquid crystals and to use them for building blocks as topics for future potential research.

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