Abstract Submitted
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Etaloning Laser Interference Analysis Spectrometry (ELIAS)[1] J. NICHOLAS PORTER, JAROM JACKSON, DALLIN DURFEE, Brigham Young University — We have developed a robust, inexpensive wavelength meter that passes monochromatic, collimated light through a series of etalon-like structures, collects the resulting interference pattern with a webcam, then uses it to calculate the light's wavelength to within a few picometers.

[1]Funded by Brigham Young Unversity.

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