

Abstract Submitted
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Motion of Light on a Rotating Platform CHARLES ROGERS,
RICHARD SELVAGGI, Texas A&M University - Commerce — This experiment
uses a laser to determine the deflection of light in a rotating frame of reference. Our
hypothesis asks what affect does circular motion have on the measured trajectory
of photons? Does the trajectory of light measured in a rotating platform differ from
that measured in a non-rotating platform? The apparatus design, operation, and
measured results are presented.

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