Measuring the Speed of Light Using a Rotating Mirror

C. T. Rochelle* and K. J. Grimes Department of Physics and Astronomy Mississippi State University Mississippi State, MS 39762-5167 (Dated: February 2, 2023)

INTRODUCTION

precision

One of the most important constants in all domains of Physics is the Universal Gravitation constant. It is used to determine the orbits of planets and galaxies as well as interactions between the smallest particles in the universe. Since every single object in the universe is subject to this fundamental force, its precise calculation is very important. This has led to many physicists and scientists trying to obtain smaller uncertainties and higher

THEORY

EXPERIMENT

DATA ANALYSIS

CONCLUSION