

Abstract Submitted  
for the TSS10 Meeting of  
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**Rediscovering Kepler's laws using Newton's gravitation law and NASA data** PAUL SPRINGSTEEN, JASON KEITH — Kepler's three laws of planetary motion were originally discovered by using data acquired from Tycho Brache's naked eye observations of the planets. We show how Kepler's third law can be reproduced using planetary data from NASA. We will also be using Newton's Gravitational law to explain why Kepler's three laws exist as they do.

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