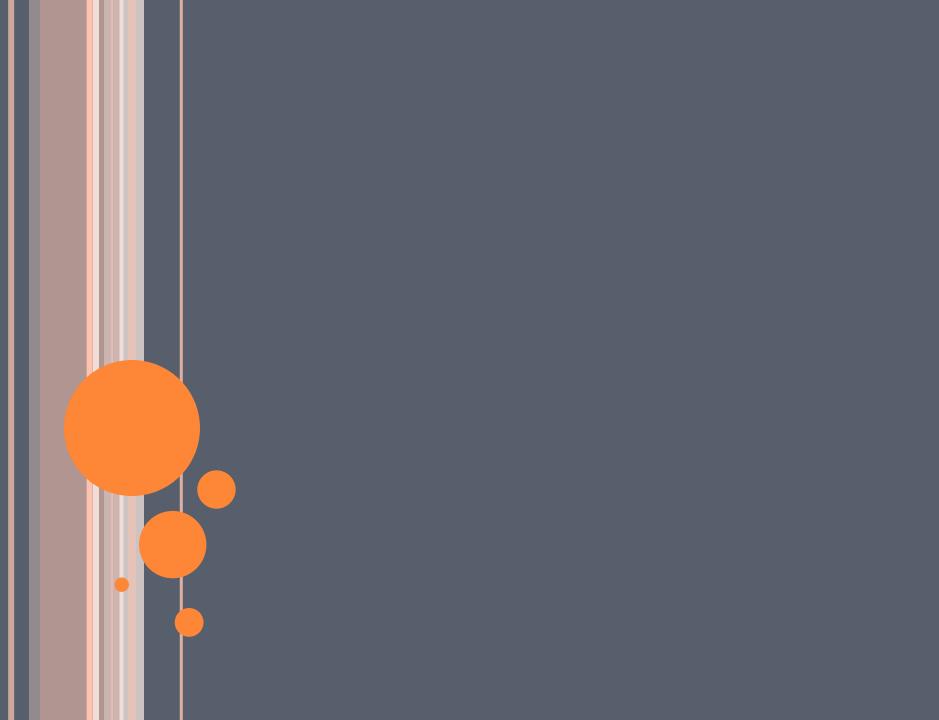
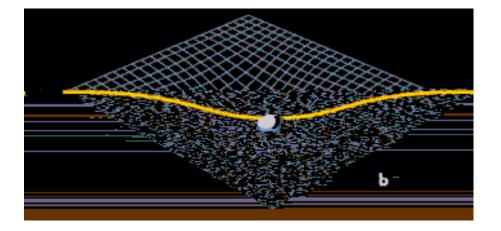
GRAVITATIONAL MICROLENSING: RAY TRACES AND LIGHT CURVES

Meredith Troy Physics Senior Seminar May 6, 2013

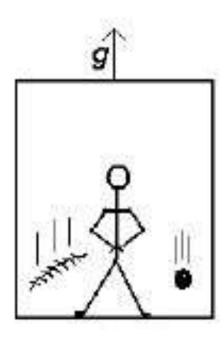


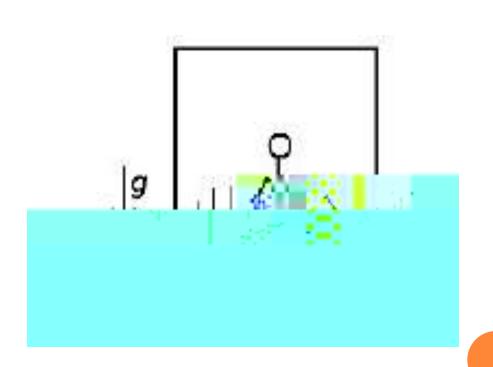




Accelerating Elevator in Zero Gravity

Stationary Elevator in Gravitational Field

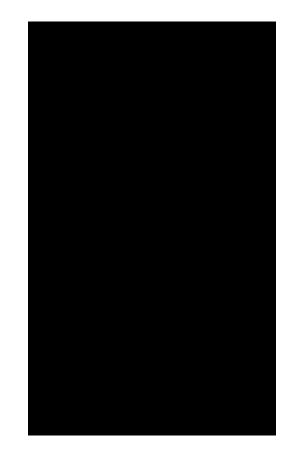


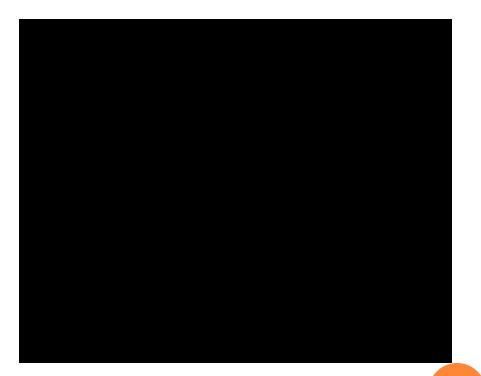


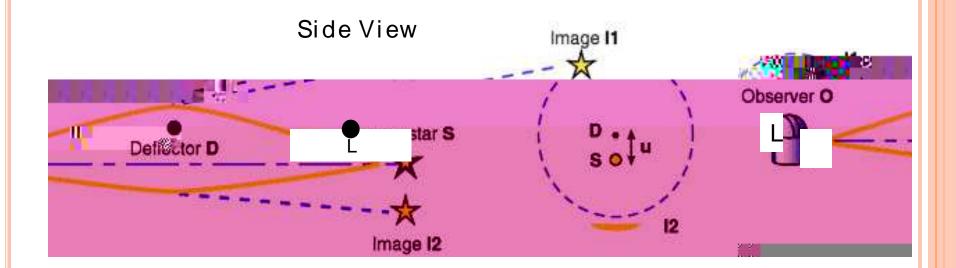


Accelerating Elevator in Zero Gravity

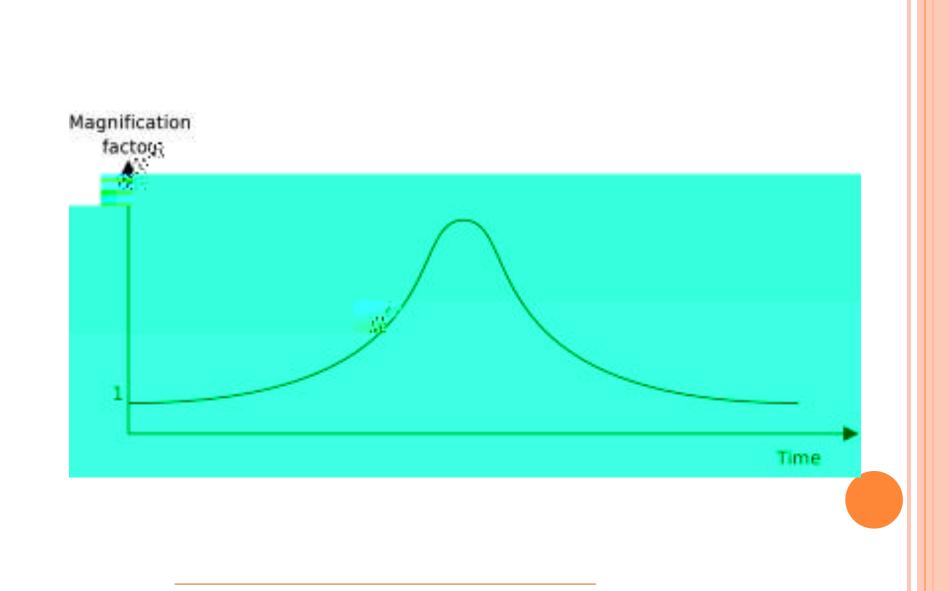
Stationary Elevator in Gravitational Field

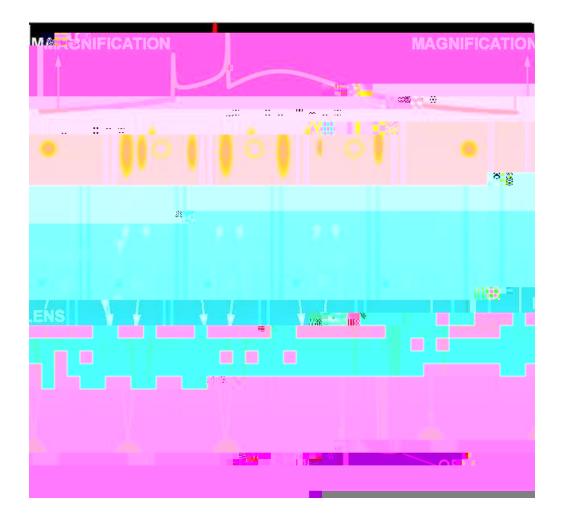






$$\alpha = \frac{4GM}{c^2r}$$







MY PROJECT

Creating Gravitational Microlensing Simulations





