

# **1    sec2**

Gravitational Lensing provides us a way to see how dark matter along with visible matter is distributed in a galaxy or galaxy cluster. This is supported by Einstein's general theory of relativity which predicts the deflection of light in a gravitational field produced by a massive object. Refer to ?

## **1.1    Formulation of Gravitational Lensing**

I have to write here.

### **1.1.1    Einstein's Deflection Angle**

### **1.1.2    Lens equation**