

Figure 1 Newtonian analysis of light deflection by Sun. Assume that light, along with material particles, undergoes gravitational acceleration. The change in transverse velocity, according to Newton, is reckoned using the acceleration at the surface of Sun acting during the time the light crosses the diameter of Sun (calculus proof!). The deflection, is too small to be visible in this or later figures, which therefore will show this deflection greatly exaggerated.

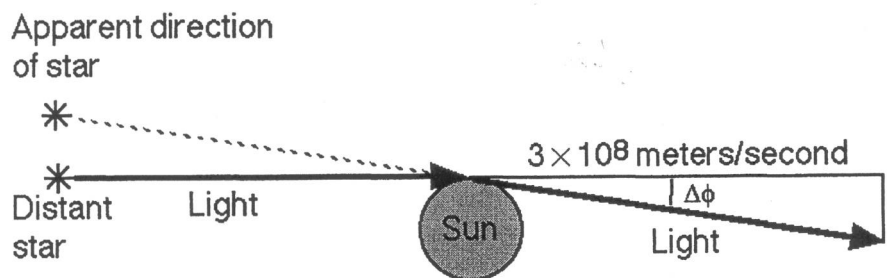


Figure 2 Schematic diagram (greatly exaggerated) of the deflection of starlight in the Newtonian analysis outlined in Figure 1.