Figure 2.1: Astronomers observing a solar eclipse. The image of the sun is projected upon a screen and the limit of the obscured portion carefully recorded. From Heveluis's *Machina Coelestis*
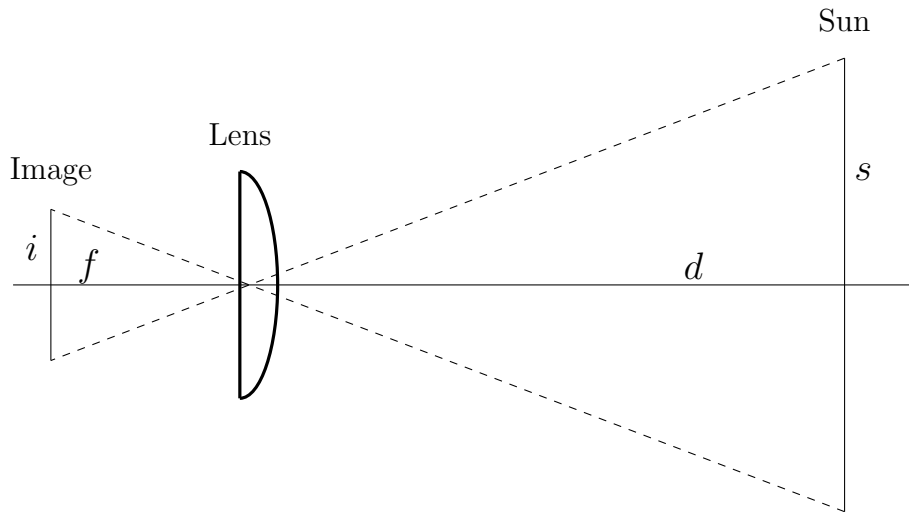

Figure 2.2: Similar triangles set-up to calculate the diameter of the Sun