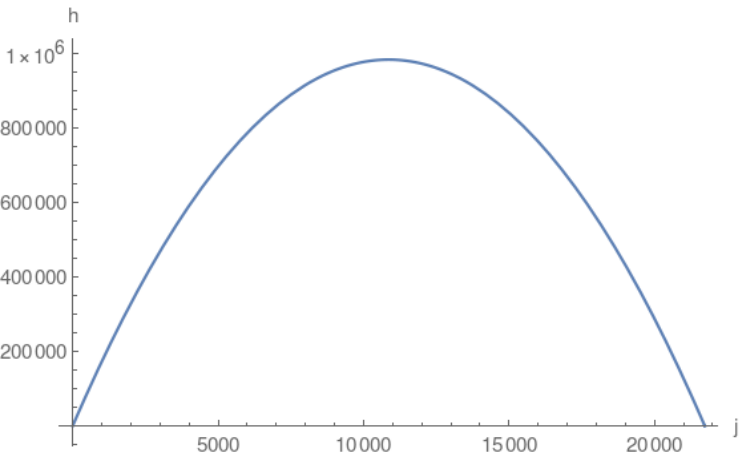


2.

2. (a) To find the MIN/MAX, first calculate the vertex:

$$\text{vertex} = \frac{-181}{2 \frac{(-14)}{41^2}} = \frac{304261}{28}$$



since the height h of the projectile is modeled by a Parabola formula.