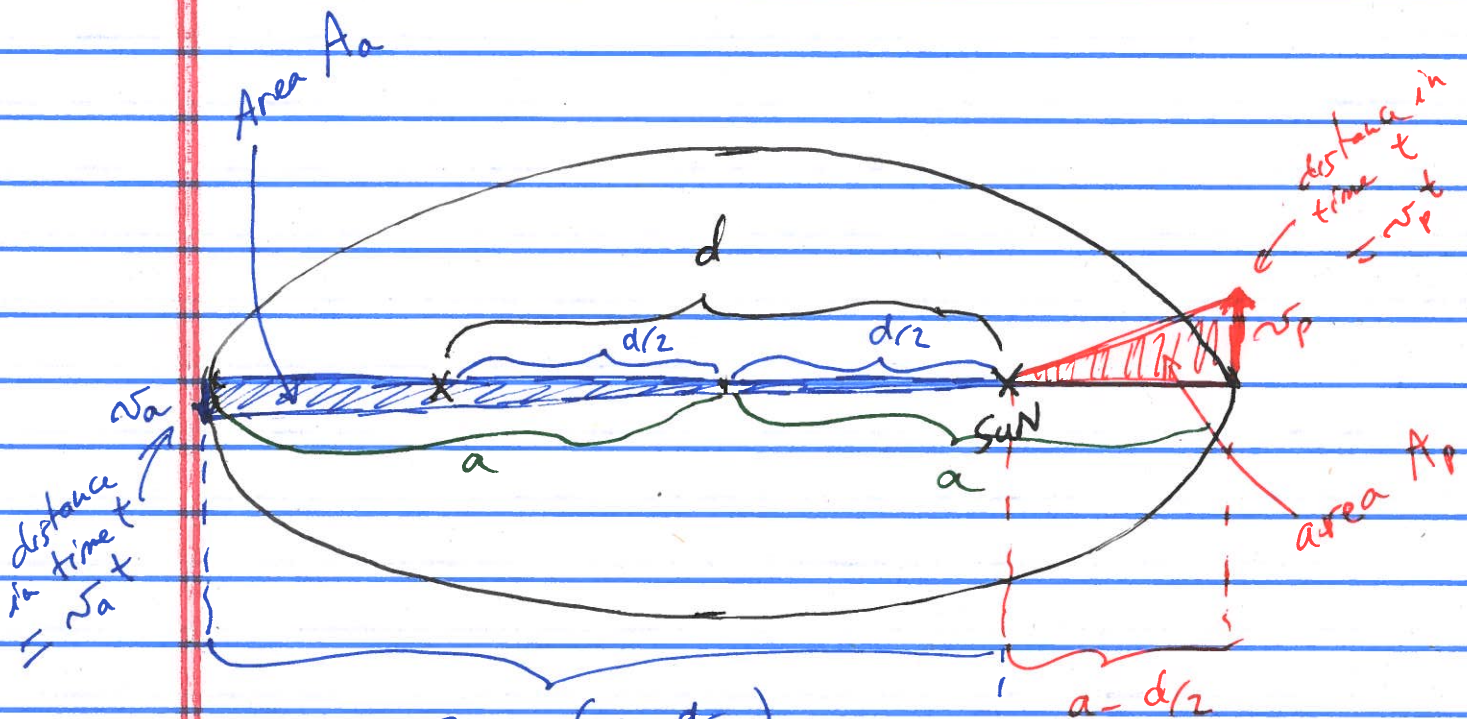


Speeds at aphelion and perihelion

(far, slow)

(near, fast)



$$2a - (a - d/2) = a + d/2$$

Area of the aphelion triangle

Area of the perihelion triangle

$$A_a = \frac{(v_a t)(a + d/2)}{2}$$

$$A_p = \frac{(v_p t)(a - d/2)}{2}$$

