

\vec{F}_p
legge di inerzia

$$R = 1,5 \cdot 10^{11} \text{ m}$$

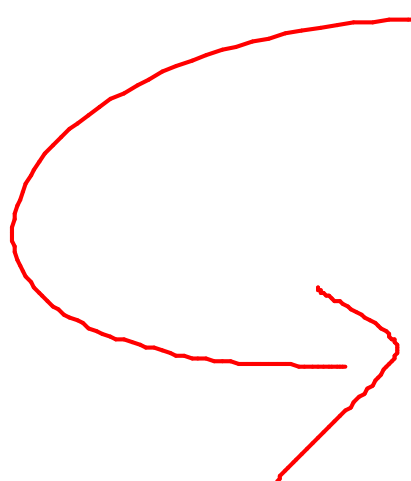
$$T = 365 \text{ d} + \underline{6 \text{ h}}$$

$$\approx 3,15 \cdot 10^7 \text{ s}$$

$$\sqrt{365 \cdot 24 \cdot 60 \cdot 60}$$

$$a_c = \frac{v^2}{r} = \omega^2 \cdot r = \frac{4\pi^2}{(3,15)^2 \cdot 10^{14} \text{ s}^2} \cdot 1,5 \cdot 10^{11} \text{ m}$$

$$\omega = \frac{2\pi}{T} = \frac{2\pi \text{ rad}}{3,15 \cdot 10^7 \text{ s}}$$



$$10^{-3} \frac{\text{m}}{\text{s}^2}$$

pay 28 - 36