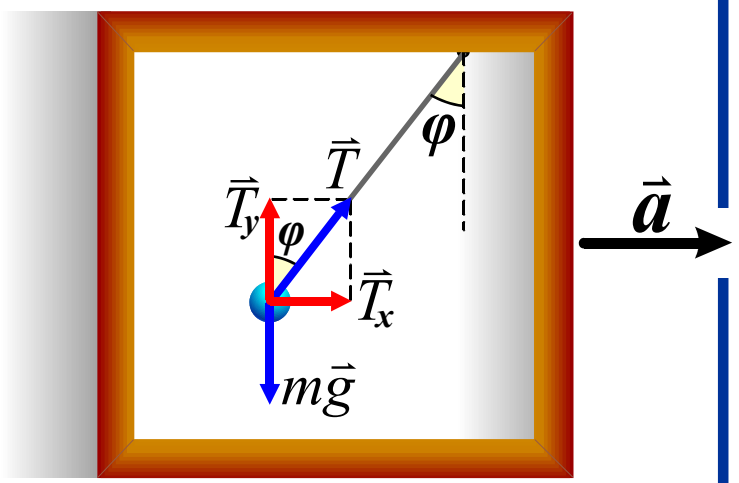


$$a = g \cdot \epsilon\phi\phi = 9,81 \cdot \epsilon\phi 19^\circ = 9,81 \cdot 0,344 \Rightarrow$$

$$a = 3,378 \text{ m/s}^2$$

Επιτάχυνση
Airbus A320



$$\Sigma F_y = 0 \Rightarrow T_y = mg \Rightarrow T \cdot \sigma\upsilon\upsilon\phi = mg \Rightarrow T = \frac{mg}{\sigma\upsilon\upsilon\phi} \quad (1)$$

$$\Sigma F_x = ma \Rightarrow a = \frac{\Sigma F_x}{m} = \frac{T_x}{m} = \frac{T \cdot \eta\mu\phi}{m} \xrightarrow{(1)} \frac{\cancel{mg} \cdot \eta\mu\phi}{\sigma\upsilon\upsilon\phi \cdot \cancel{m}} \Rightarrow a = g \cdot \epsilon\phi\phi$$