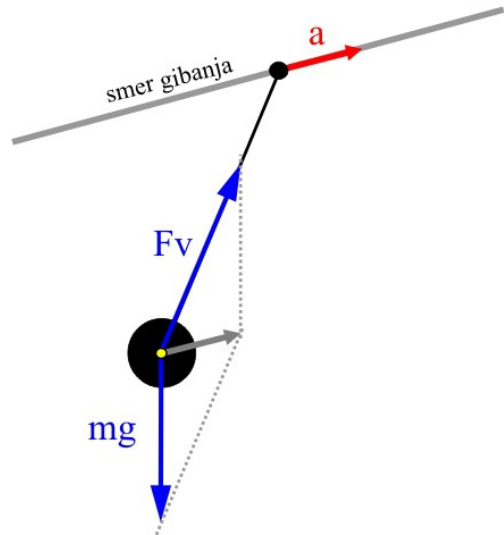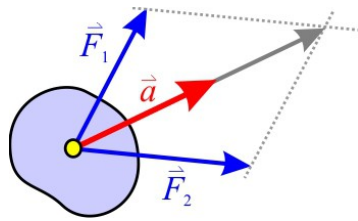# DINAMIKA – II Newtonov zakon

$$\sum_i \vec{F}_i = m \cdot \vec{a}$$

Gibanje teles po klancu navzdol

$F_d - F_t = ma$, kjer je
$F_d = mg \sin(\varphi)$ in
$F_t = F_s k_t = mg \cos(\varphi) k_t$.

$$a = g(\sin \varphi - k_t \cos \varphi)$$