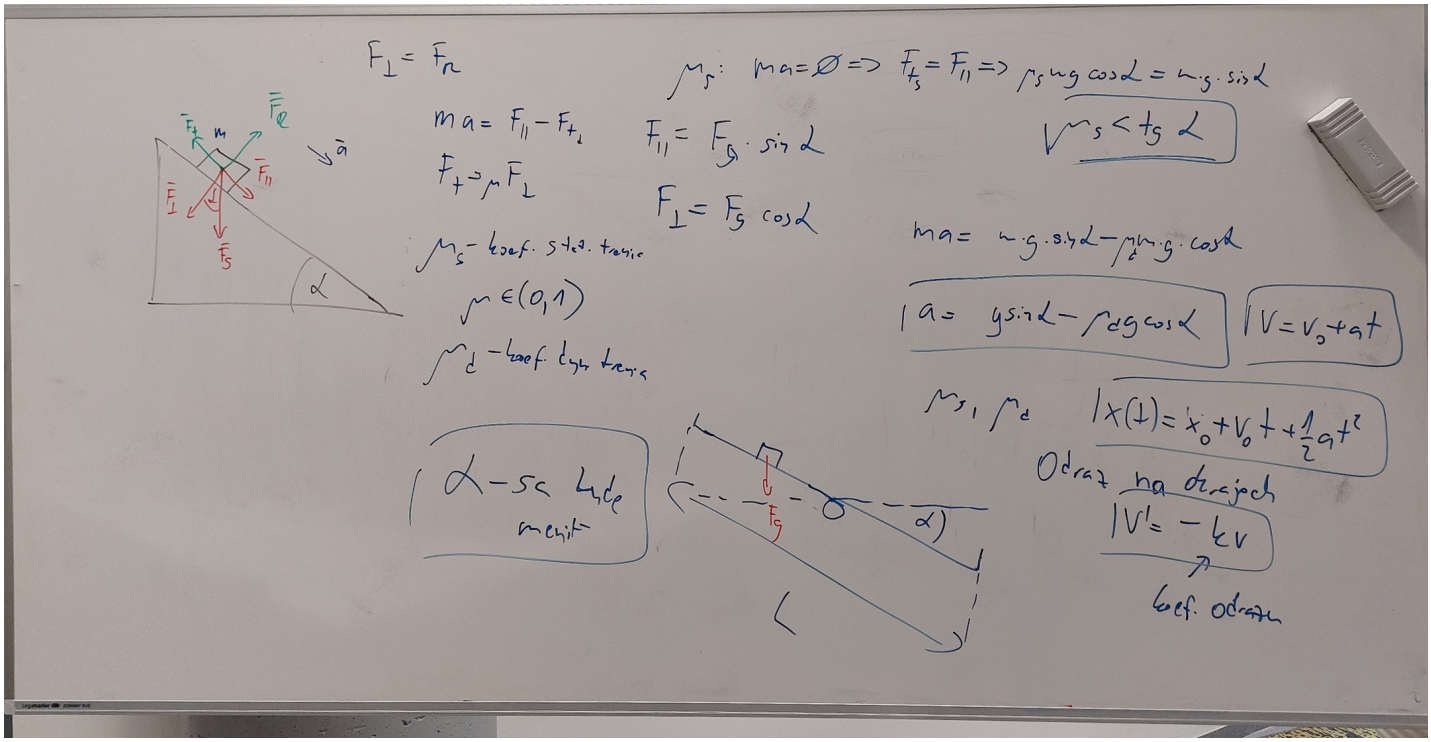
$F_\perp = F_n$
$ma = F_{||} - F_{t_d}$
$F_t \to \mu F_\perp$
μ_s - koef. stat. trenia
$\mu \in (0,1)$
μ_d - koef. dyn. trenia
μ_s: $ma = 0 \Rightarrow F_{t_s} = F_{||} \Rightarrow \mu_s mg\cos\alpha = mg\sin\alpha$
$\mu_s < tg\,\alpha$
$F_{||} = F_G \sin\alpha$
$F_\perp = F_G \cos\alpha$
$ma = mg\sin\alpha - \mu_d mg\cos\alpha$
$a = g\sin\alpha - \mu_d g\cos\alpha$
$V = V_0 + at$
μ_s, μ_d
$x(t) = x_0 + V_0 t + \frac{1}{2}at^2$
α - sc kde menit
Odpor na dráhach
$V' = -kv$
koef. odporu
α)
l