## F3 - Kinematika pohybu v rovině

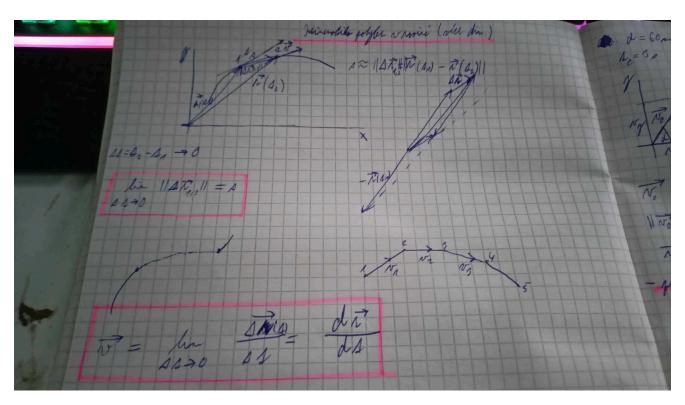
(Více dimenzí)

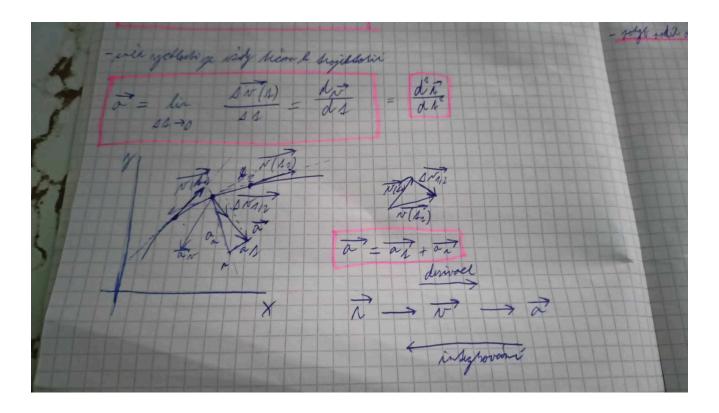
$$\lim_{
abla t o 0} ||
abla ec{r}_{1,2}|| = s$$

$$ec{v} = \lim_{
abla t o 0} rac{ec{
abla r_t}}{
abla t} = rac{dec{r}}{dt}$$

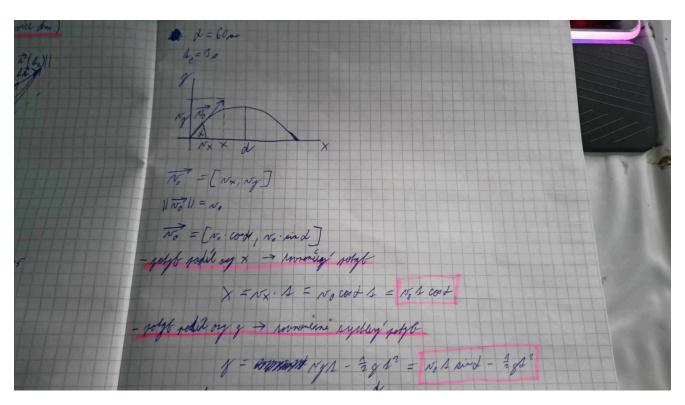
Směr rychlosti je vždy tečna k trajektorii

$$ec{a} = \lim_{
abla t o 0} rac{ec{
abla v_t}}{
abla t} = rac{d^2 ec{v}}{d^2 t}$$





$$ec{a}=ec{a_t}+ec{a_n}$$



J = MANONE NYA - 2g 1° = N, A wind - 2g ° d = No ho cook => No = do cook

0 = No ho wind - 2g do 2

d = No ho wind

2g ho 2 = No ho wind

No ho cook

No ho cook

No ho cook

Ag 2 = 2g ho 2 = 2d - only (1yd) = only (2d)

A = only (2nd) = only (2nd) = only (2) = 36°52'

No = 2418 N/O