

Znáš v_{21} a a_{21} , urči v_{61} a a_{61} , graficky

④ SP Zychlosti

$$\vec{v}_{61} + \vec{v}_{31} = \vec{v}_{41} + \vec{v}_{21}$$

$$\vec{0} = \vec{v}_{41} + \vec{v}_{21}$$

① A: $41 = 43 + 31 = 31$

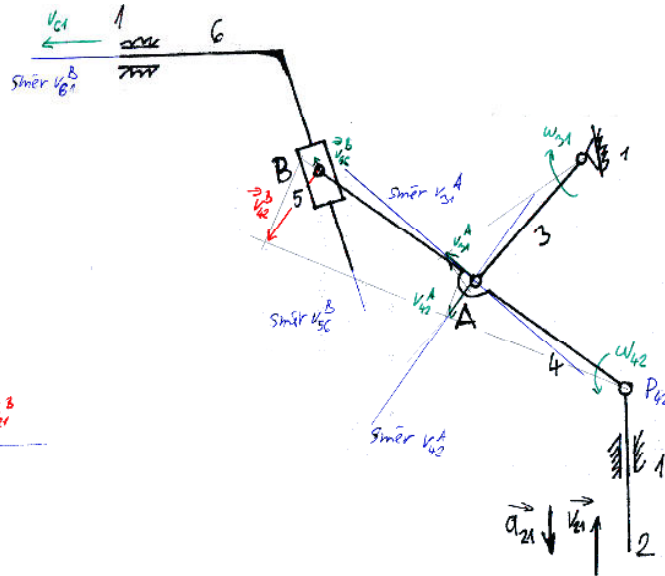
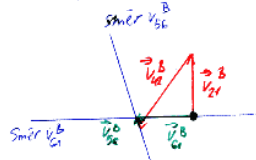
$41 = 42 + 21$

2 $\omega_{42} = \frac{v_{42}^A}{|AP_{42}|}$

③ B: $51 = 56 + 61$

$51 = 54 + 42 + 21 = 42 + 21$

$\vec{v}_{56}^B + \vec{v}_{61}^B = \vec{v}_{42}^B + \vec{v}_{21}^B$



④ SP Zychlosti

① A: $41 = 43 + 31 = 31$

$41 = 42 + 21$

② $\alpha_{42} = \frac{a_{42}^A}{|AP_{42}|}$

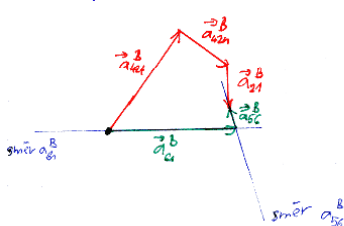
③ $a_{42}^B = \alpha_{42} |BP_{42}|$

④ B: $51 = 56 + 61$

$51 = 54 + 42 + 21 = 42 + 21$

$\vec{a}_{42}^B + \vec{a}_{21}^B + \vec{a}_{621}^B = \vec{a}_{56}^B + \vec{a}_{61}^B + \vec{a}_{651}^B$

$\vec{0} = \vec{0}$ ($\vec{\omega}_{61} = \vec{0}$)



$\vec{a}_{421}^B = 2 \cdot \vec{\omega}_{42} \times \vec{v}_{42}^A$

