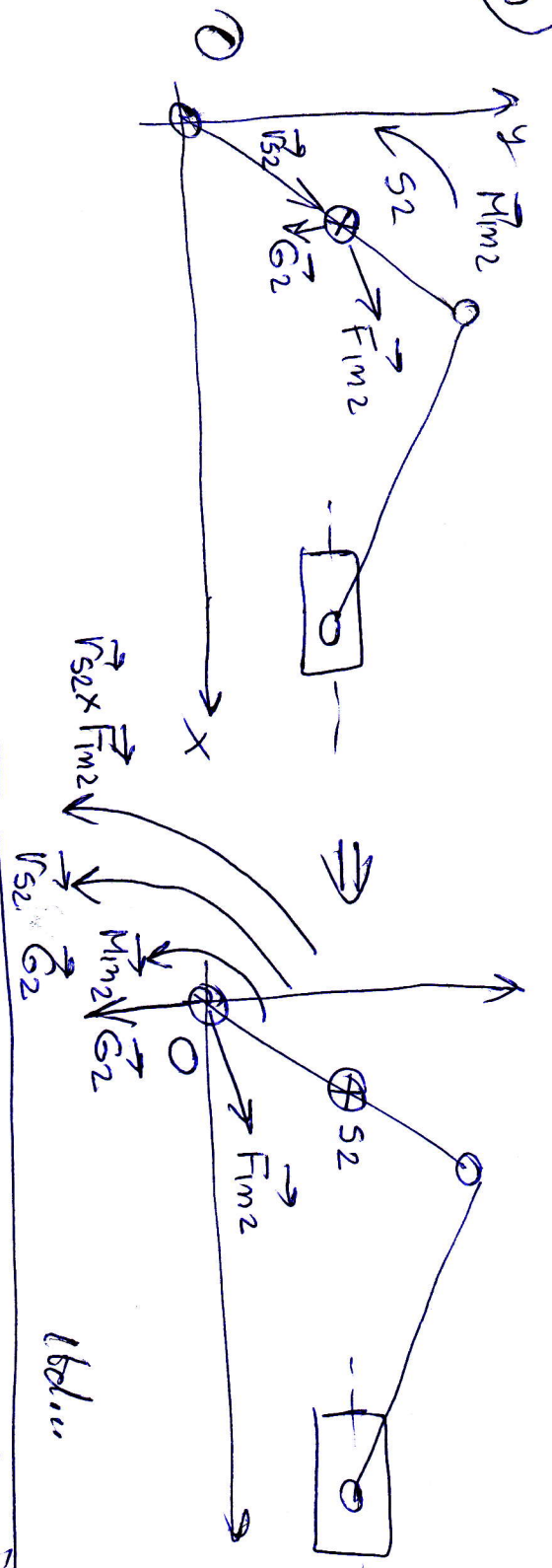


3



Naravnju se deluje sistem sucepnih sila u tački O i sistemu momenta/ snaga.

jedinačne u ravnoteži

4

$$\begin{aligned} \vec{F}_{\text{podl mek R}} + (\vec{G}_2 + \vec{G}_3 + \vec{G}_y) + (\vec{F}_{m2} + \vec{F}_{m3} + \vec{F}_{my}) + \vec{F}_y &= \vec{0} \\ M_{\text{podl mek R}} + (M_{m2} + M_{m3} + 0) + (V_{32} \times \vec{F}_{m2} + V_{33} \times \vec{F}_{m3} + V_{34} \times \vec{F}_{my}) + (V_{32} \times \vec{G}_2 + V_{33} \times \vec{G}_3 + V_{34} \times \vec{G}_y) + (V_{3x} \vec{F}_y + M_p) &= 0 \end{aligned}$$

URAVNOTEŽENJE!

$$\begin{aligned} \vec{F}_{\text{mek podl R}} &= \vec{F}_{m2} + \vec{F}_{m3} + \vec{F}_{my} \\ &= \vec{0} \\ &= (M_{m2} + M_{m3} + 0) + (V_{32} \times \vec{F}_{m2} + V_{33} \times \vec{F}_{m3} + V_{34} \times \vec{F}_{my}) = 0 \end{aligned}$$

$$\begin{aligned} \vec{F}_{\text{mek R}} &= \vec{0} \\ M_{\text{mek R}} &= 0 \end{aligned}$$

mas interese je samo onaj deo uoj, nastaje usled mas mehanika i momenta
 glavni vektor i glavni moment uojm MEHANIKI deluje na podlogu

$$\begin{aligned} \vec{F}_{\text{podl mek R}} &= -\vec{F}_{\text{mek podl R}} \\ M_{\text{podl mek R}} &= -M_{\text{mek podl R}} \end{aligned}$$