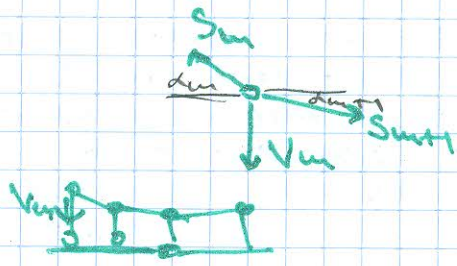
* HORIZONTALNE KOMPONENTE SU U SVIM STAPOVIMA JEDNAKE

$S_m \cos\alpha_m = S_{m+1} \cos\alpha_{m+1} = H$ - HORIZONTALNA SILA

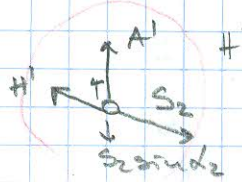
$S_m = \frac{H}{\cos\alpha_m}$ $\quad S_{m+1} = \frac{H}{\cos\alpha_{m+1}}$



$V_m = S_m \sin\alpha_m - S_{m+1} \sin\alpha_{m+1}$

$= H(\operatorname{tg}\alpha_m - \operatorname{tg}\alpha_{m+1})$

A', B' SU RAZLOŽENE KOMPONENTE SILE U STAPOVIMA



$H' \sin\alpha_0 = \frac{H}{\cos\alpha_0} \sin\alpha_0 = H \operatorname{tg}\alpha_0$

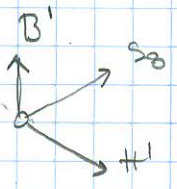
$A' + H\operatorname{tg}\alpha_0 - H\operatorname{tg}\alpha_2 = 0$

$\frac{H}{\cos\alpha_2} \sin\alpha_2 = H\operatorname{tg}\alpha_2$

$A' = H\operatorname{tg}\alpha_2 - H\operatorname{tg}\alpha_0$

$= H(\operatorname{tg}\alpha_2 - \operatorname{tg}\alpha_0)$

kako odredujem pravac S_B i S_2 u čvoru



$B' - H\operatorname{tg}\alpha_0 + H\operatorname{tg}\alpha_B = 0$

$B' = H(\operatorname{tg}\alpha_0 - \operatorname{tg}\alpha_B)$