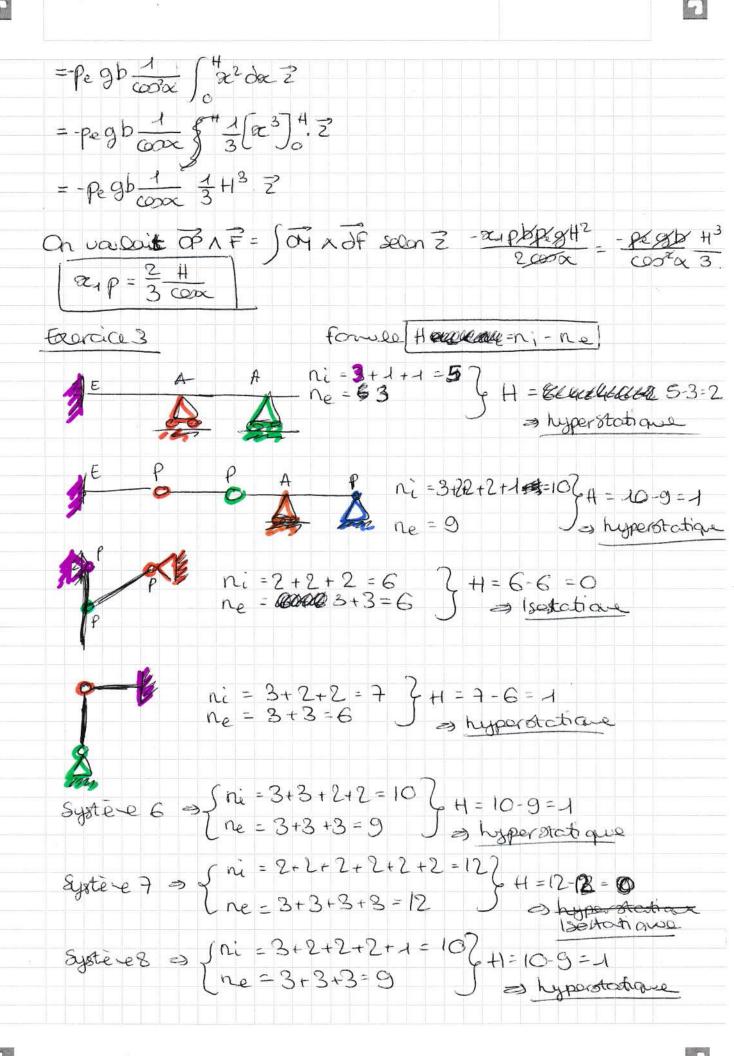
Meanique Exorcice 2 TOI (site) @ F = JoF  $S = b \times L = b + \frac{H}{\cos \alpha}$ cos a = H (=> L=Hcosa =- pegs # 97 @ MO(F) = OPAF ? Mo(df) = form df ) on veut que of NF = Sorindf On charche  $\overrightarrow{OP}\left(\begin{array}{c} \alpha_1 p \\ y_1 p \\ z_1 p \end{array}\right) \xrightarrow{3} \overrightarrow{OP}\left(\begin{array}{c} \alpha_1 p \\ 0 \\ 0 \end{array}\right) \left(\begin{array}{c} \alpha_1$ \$ and of = (20) (-pegads)=(0) (-x, pegads) SOM NOF: S-x, pegads. 2 = S-x, pegabda, 2 



9 Exercice 4 @nature or systime h= ni-ne = 3-3=0 130 Statique a part calculer PFS . . S.F = 0 => yA y + OCA 2 + YBy - Fy = 0 projection selen & : XA = 0 projection sclory: yatyB-F=0 · ZM = 0 = HA, 8B + HA, = 8 2 LyB - LF= 0 = 1 = 5 = 4A Forcice S @ ration de systère h=ni-ne=6-(3+3)=0 expitations! Cs on part calcular projection selon of x x x x + x co = 0 projection sela ij ( ( ) + y + y + y + y + y ) ij = 0 On isole les deva borros yny + 3 A 2 + 4B 8 + 4c14+ xe1 4c24 + 2c24 + 2c27 + 30 9 = 0 902C+M=0 2 LyB + 3 LyG = 0

son itilizant de principe d'aith

901 = - 9cz

reaction: 20 = - 200

G