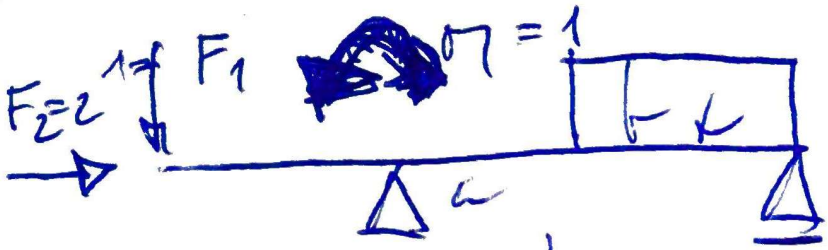
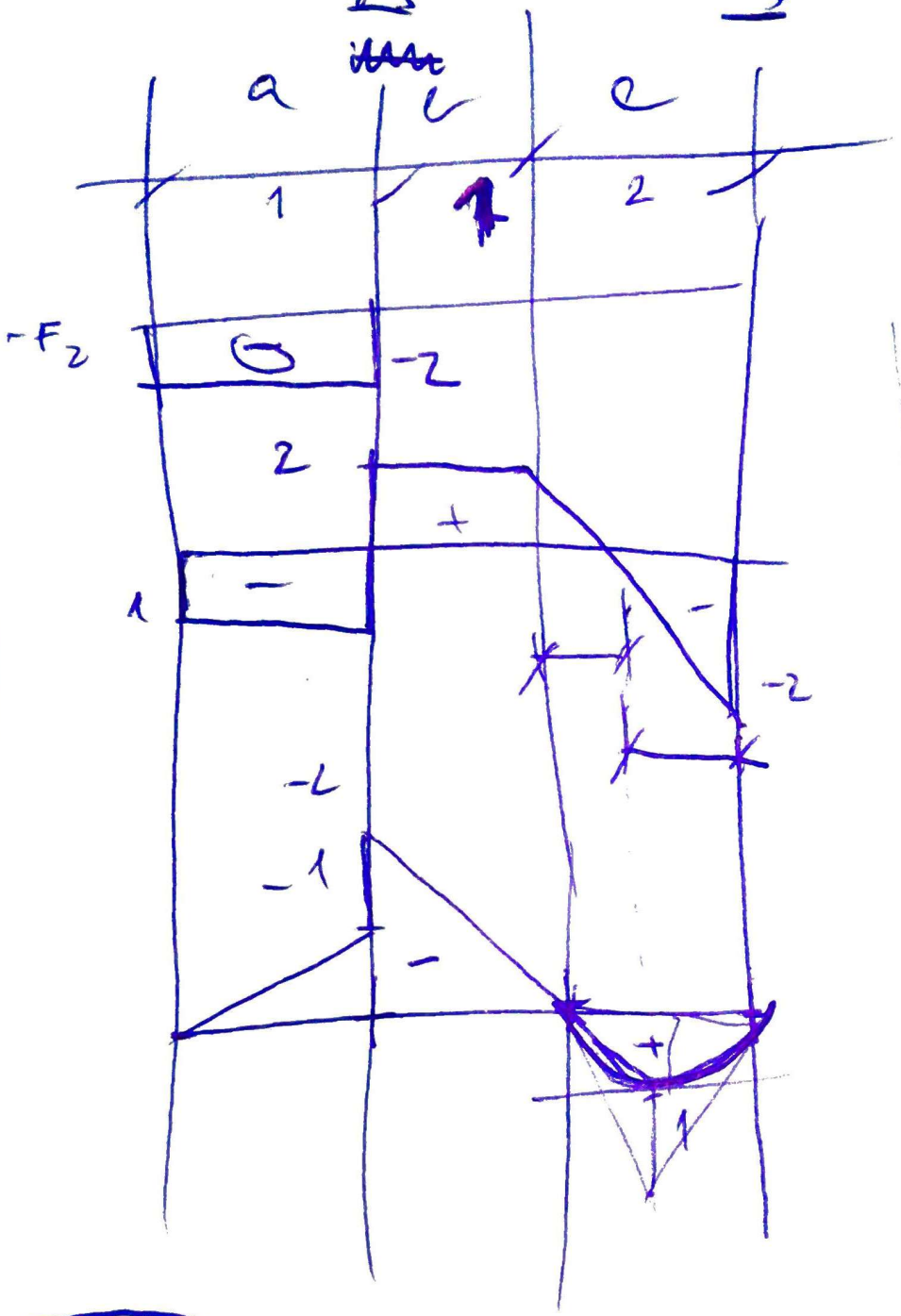


$\Sigma M_{Ic} = 0$

$\Rightarrow R_{A2} = \frac{F_1(a+c) + M + q \cdot \frac{c^2}{2}}{b+c} = 3$

$\Sigma F_y = 0$

$\Rightarrow R_{A1} = \frac{-F_1 \cdot a - M + qc\left(\frac{c}{2}+b\right)}{b+c} = 2$



$\frac{1}{2} \cdot -(-2) \cdot 1 = 1$

ΣM_{Ic}

$\Rightarrow -1 \cdot 2 - 1 + 3 \cdot 1$

$= -3 + 3$

7.4.21