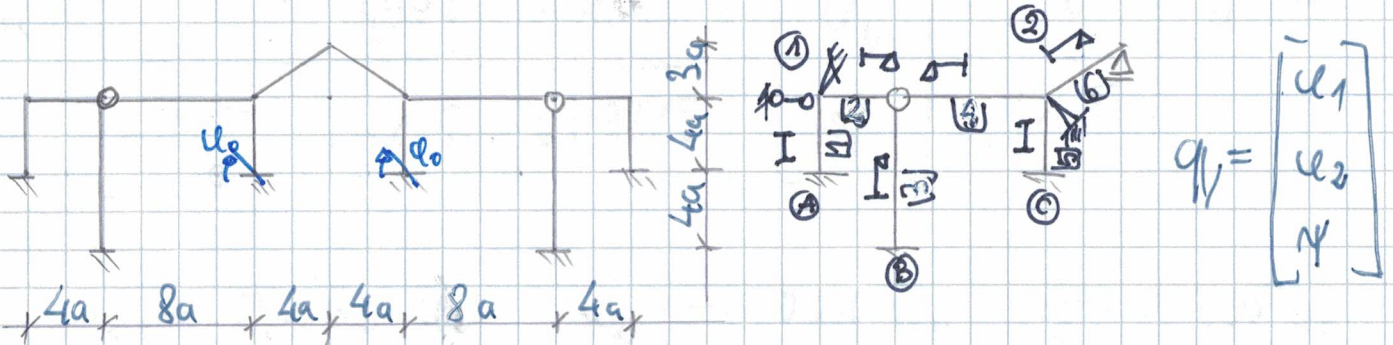
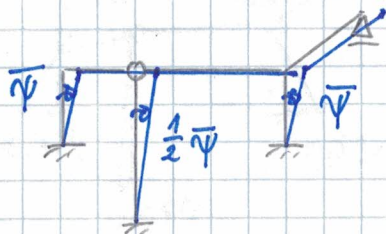


$EI = \text{const.}$ $EA \rightarrow \infty$ $(N) = ?$ sch. pol. + UGW



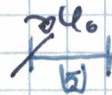
p.p. $\bar{\psi}^{(1)} = \bar{\psi}^{(5)} = \bar{\psi}$ $\bar{\psi}^{(3)} = \frac{1}{2} \bar{\psi}$ $\text{r. r. MP } \Phi_1^{(1)} + \Phi_1^{(2)} = 0$ (1)



$\Phi_2^{(4)} + \Phi_2^{(5)} + \Phi_2^{(6)} = 0$ (2)

$(\Phi_1^{(1)} + \Phi_1^{(2)}) \bar{\psi} + \Phi_2^{(3)} \frac{1}{2} \bar{\psi} + (\Phi_2^{(5)} + \Phi_2^{(6)}) \bar{\psi} = 0$ (3)

momentenverhältnisse



$\Phi_c^{05} = \frac{2EI}{4a} [2 u_0] = \frac{EI}{a} u_0$

$\Phi_2^{05} = \frac{1}{2} \frac{EI}{a} u_0$

WT 1 I $\Phi_A^{(1)} = \frac{2EI}{4a} [u_1 - 3\psi] = \frac{EI}{a} [\frac{1}{2} u_1 - \frac{3}{2} \psi] \cdot (-1)$

$\Phi_1^{(1)} = \frac{EI}{a} [u_1 - \frac{3}{2} \psi]$

2 I $\Phi_1^{(2)} = \frac{3EI}{4a} [u_1] = \frac{EI}{a} [\frac{3}{4} u_1]$

3 I $\Phi_B^{(3)} = \frac{3EI}{8a} [-\frac{1}{2} \psi] = \frac{EI}{a} [-\frac{3}{16} \psi] \cdot (-\frac{1}{2})$

4 I $\Phi_2^{(4)} = \frac{3EI}{8a} [u_2] = \frac{EI}{a} [\frac{3}{8} u_2]$ 5 I $\Phi_2^{(6)} = \frac{EI}{a} [\frac{3}{5} u_2]$

5 I $\Phi_c^{(5)} = \frac{2EI}{4a} [u_2 - 3\psi] + \frac{EI}{a} u_0 = \frac{EI}{a} [\frac{1}{2} u_2 - \frac{3}{2} \psi] + \frac{EI}{a} u_0$

$\Phi_2^{(5)} = \frac{EI}{a} [u_2 - \frac{3}{2} \psi] + \frac{EI}{a} [\frac{1}{2} u_0] \cdot (-1)$

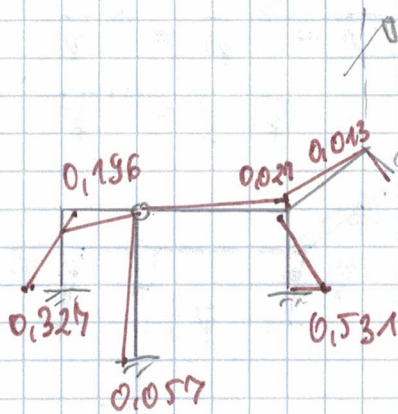
u had r-n MP

$$\frac{EI}{a} \begin{bmatrix} 1.75 & 0 & -1.5 \\ 0 & 1.975 & -1.5 \\ -1.5 & -1.5 & 6.09375 \end{bmatrix} \begin{bmatrix} u_1 \\ u_2 \\ \psi \end{bmatrix} = \begin{bmatrix} 0 \\ -0.5 \\ 1.5 \end{bmatrix} \frac{EI}{a} u_0$$

$$u_1 = 0.262 u_0$$

$$u_2 = -0.021 u_0$$

$$\psi = 0.305 u_0$$



$$\textcircled{M} \left[\frac{EI}{l} u_0 \right]$$