

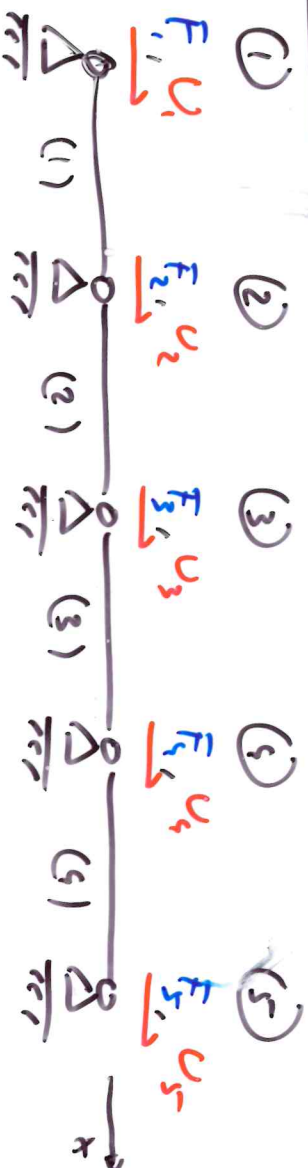
Matrix-Vector-Multiplikation

→ Finite'sches Schema

$$\begin{bmatrix} k & -k \\ -k & k \end{bmatrix} \begin{bmatrix} u_1 \\ u_2 \end{bmatrix}$$

$$\begin{aligned} k \cdot u_1 - k \cdot u_2 &= F_1 \\ -k \cdot u_1 + k \cdot u_2 &= F_2 \end{aligned}$$

Stab-Struktur



$$k_e = \frac{E_e \cdot A_e}{l_e}$$

(e = 1...4)