

Element 6



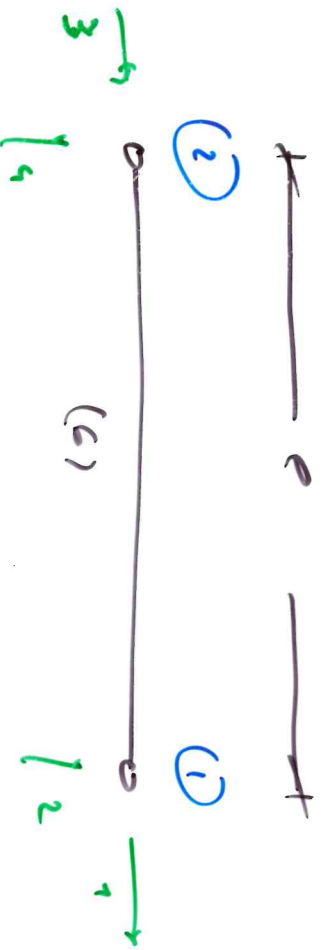
$$\rightarrow \Delta x = l, \Delta y = 0, \quad \rho_{(6)} = \sqrt{\Delta x^2 + \Delta y^2} = \dots = l$$

$$\rightarrow c = \frac{\Delta x}{l} = \dots = 1, \quad s = \frac{\Delta y}{l} = \dots = 0$$

$$\rightarrow [k_{(6)}] = \frac{EA}{l}$$

$$\begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

Element 6 in der Struktur



\rightarrow Koordinatenschema

	1	2	3	4
e	1	2	3	4
(6)	3	4	1	2