

→ Berechnung von U_2 (→ 1. Unbelastete)

$$U_2 = \frac{\begin{vmatrix} 0 & -k & \cdot \\ F & 2k & -k \\ 0 & -k & 2k \end{vmatrix}}{\begin{vmatrix} 2k & -k & \cdot \\ -k & 2k & -k \\ -k & -k & 2k \end{vmatrix}}$$

$$= \dots = \frac{2 F k^2}{4 k^3} = \frac{F}{2k} = \frac{FL}{8EA} = \underline{\underline{U_2}}$$