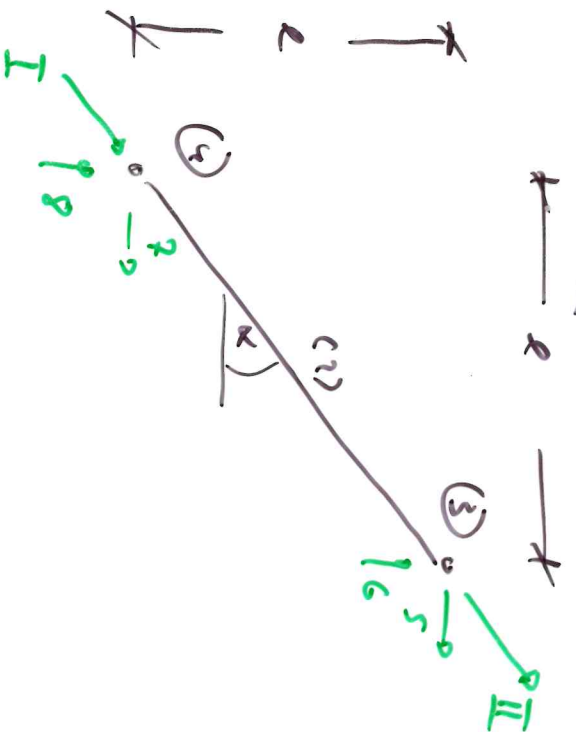


Element (2)



$$C = \cos(\alpha) = \frac{L}{\sqrt{2}L} = \frac{1}{\sqrt{2}}, \quad S = \sin(\alpha) = \frac{L}{\sqrt{2}L} = \frac{1}{\sqrt{2}}$$

$$\begin{bmatrix} U_I \\ U_{II} \end{bmatrix} = \begin{bmatrix} C & S & \cdot & \cdot \\ \cdot & \cdot & C & S \end{bmatrix} \begin{bmatrix} U_7 \\ U_8 \\ U_5 \\ U_6 \end{bmatrix}$$

[T]

$$U_I = \cos(\alpha) \cdot U_7 + \sin(\alpha) \cdot U_8 = \frac{U_7 + U_8}{\sqrt{2}}$$

$$U_{II} = \cos(\alpha) \cdot U_5 + \sin(\alpha) \cdot U_6 = \frac{U_5 + U_6}{\sqrt{2}}$$