



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

Known matrices

$$A_{T_D}$$

$$C_{T_D}$$

$$D_{T_A}$$

$$D_{T_A} = D_{T_C} \cdot C_{T_B} \cdot B_{T_A}$$

$$A_{T_D} = A_{T_D} \cdot B_{T_C} \cdot C_{T_D}$$

$\Leftrightarrow$

$$A_{T_D} = (A_{T_D} \cdot B_{T_C}) \cdot C_{T_D}$$

$\Leftrightarrow$

$$A_{T_D} = A_{T_C} \cdot C_{T_D}$$