

$$\mathbf{A}^{(2)} = \begin{matrix} & v_1 & v_2 & (v_1, v_3) & (v_2, v_3) & (v_3, v_4) & \dagger \\ \begin{matrix} * \\ v_1 \\ v_2 \\ (v_1, v_3) \\ (v_2, v_3) \\ (v_3, v_4) \end{matrix} & \begin{bmatrix} 10 & 10 & 0 & 0 & 0 & 0 \\ 0 & 0 & 20 & 0 & 0 & 0 \\ 0 & 0 & 0 & 10 & 0 & 0 \\ 0 & 0 & 0 & 0 & 10 & 10 \\ 0 & 0 & 0 & 0 & 10 & 0 \\ 0 & 0 & 0 & 0 & 0 & 10 \end{bmatrix} \end{matrix}$$

where

$A_{0,1}$	$A_{1,2}$
$A_{2,2}$	$A_{\dagger}$

$$\mathbf{T}^{(2)} = \begin{matrix} & v_1 & v_2 & (v_1, v_3) & (v_2, v_3) & (v_3, v_4) & \dagger \\ \begin{matrix} * \\ v_1 \\ v_2 \\ (v_1, v_3) \\ (v_2, v_3) \\ (v_3, v_4) \end{matrix} & \begin{bmatrix} 0.5 & 0.5 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0.5 & 0.5 \\ 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix} \end{matrix}$$