

Pleuse

$$a) T_A \begin{pmatrix} 0 & 0 \\ 775 & 0 \\ 0 & 0 \end{pmatrix}_A$$

$$T_B \begin{pmatrix} x_B & 0 \\ y_B & 0 \\ z_B & 0 \end{pmatrix}_B$$

$$T_C \begin{pmatrix} 0 & 0 \\ y_C & 0 \\ z_C & 0 \end{pmatrix}_C$$

$$T_D \begin{pmatrix} x_D & 0 \\ 0 & 0 \\ 0 & 0 \end{pmatrix}_D$$

$$\vec{AD} \begin{pmatrix} x_D \\ 775 \\ 0 \end{pmatrix}$$

$$\vec{M}_D(\vec{R}) = \vec{M}_A + \vec{AD} \wedge \vec{R}$$

$$\vec{AD} \wedge \vec{R} = \begin{pmatrix} x_D \\ 775 \\ 0 \end{pmatrix} \wedge \begin{pmatrix} x_D \\ 0 \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ -775x_D \end{pmatrix}$$

$$T_A \begin{pmatrix} 0 & 0 \\ 775 & 0 \\ 0 & -775x_D \end{pmatrix}_D$$