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Math-problem: Note: $\vec{x} \ \vec{y} \ \vec{z}$ and p are switching reference frame points/vectors expressed in WORLD SPACE coords Given \mathbf{a} , $\mathbf{\vec{v}}$ are the local (• three "axis" vectors $\vec{x} \ \vec{y} \ \vec{z}$ points/vectors expressed reference in LOCAL SPACE coord 🕒 one "origin" point p frame and • a point $\mathbf{a} = \begin{pmatrix} a_x \\ a_y \\ a_z \end{pmatrix}$ or vector $\vec{\mathbf{v}} = \begin{pmatrix} v_x \\ v_y \\ v_z \end{pmatrix}$ on the model expressed in local coords Write an expression to find • the corresponding point **a**' or vector $\vec{\mathbf{v}}'$ but xpressed in world space















