

$$V = \begin{pmatrix} 0 \\ 0 \\ 0 \\ 0 \end{pmatrix}$$

$$SV = \begin{pmatrix} Su \\ Sv \\ SD \end{pmatrix}$$

$$= \begin{pmatrix} \partial_{x}u & \partial_{x}V & \partial_{x}\Omega \\ \partial_{y}u & \partial_{y}V & \partial_{y}\Omega \\ \partial_{z}u & \partial_{z}V & \partial_{z}\Omega \end{pmatrix}$$

$$\underline{J} = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$