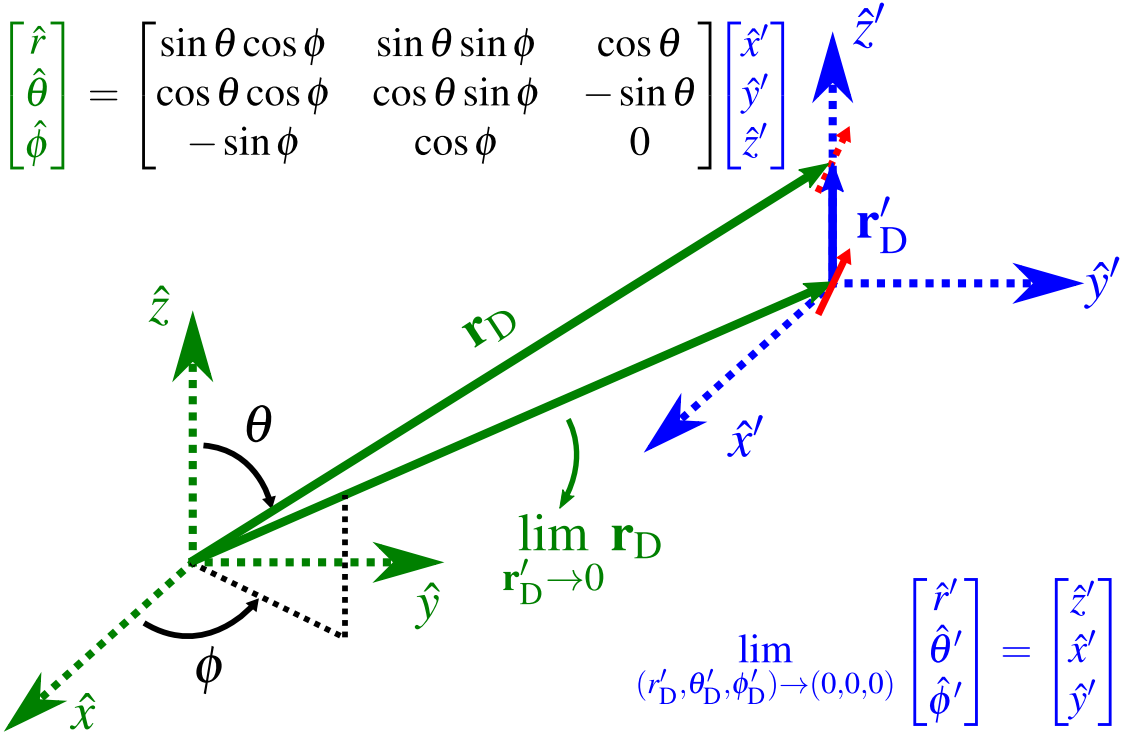
$$\begin{bmatrix} \hat{r} \\ \hat{\theta} \\ \hat{\phi} \end{bmatrix} = \begin{bmatrix} \sin\theta\cos\phi & \sin\theta\sin\phi & \cos\theta \\ \cos\theta\cos\phi & \cos\theta\sin\phi & -\sin\theta \\ -\sin\phi & \cos\phi & 0 \end{bmatrix} \begin{bmatrix} \hat{x}' \\ \hat{y}' \\ \hat{z}' \end{bmatrix}$$



$$\lim_{(r'_{\mathrm{D}},\theta'_{\mathrm{D}},\phi'_{\mathrm{D}})\to(0,0,0)} \begin{bmatrix} \hat{r}' \\ \hat{\theta}' \\ \hat{\phi}' \end{bmatrix} = \begin{bmatrix} \hat{z}' \\ \hat{x}' \\ \hat{y}' \end{bmatrix}$$