

```

60110 9090 tikzpicture[scale=5,tdplot,rotated coords](O)at(0,0,0);[thick,->](0,0,0)--(1,0,0)node[anchor =
northeast]x;[thick,->](0,0,0)--(0,1,0)node[anchor = northwest]y;[thick,->](0,0,0)--(0,0,1)node[anchor =
south]z;P14530[-stealth,color = red](O)--(P)node[aboveright]P;[dashed,color = red](O)--(Pxy);[dashed,color =
red](P)--(Pxy);[tdplot,rotated coords](O)0.20anchor = northeast\phi [tdplot,rotated coords](0,0,0)0.50anchor = southwest\theta

```