

Apply reverse votation $\Rightarrow R = R^{\dagger}$ = $\int cos(\theta) sun(\theta)$ $-sin(\theta) cos(\theta)$ = [cos (45°) Sun (45°)] A Robot A's pux -Sin (45°) cos (45°) angle. $\begin{bmatrix} r \\ q \end{bmatrix}_A = \mathcal{R} \begin{bmatrix} 8 \\ 2 \end{bmatrix}_+ = \begin{bmatrix} 325 \\ 245 \end{bmatrix}$ = \[56.5685 \\ -403.0509 \] this can be chocked with straight trigonometry But you cannot robe it that way! This can be scuther converted to a! LIDAR reading for Robot A, if needed!