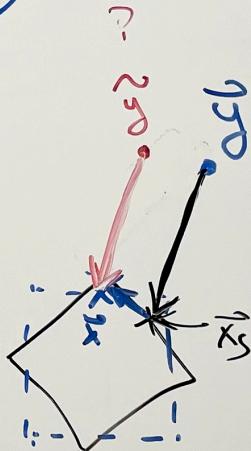


$$\vec{y} + (I - Q)\vec{x} = \vec{y}$$

$$\begin{aligned}\vec{y} &= \vec{y} + \vec{x} - \vec{x}_S \\ &= \vec{y} + \vec{x} - Q\vec{x}\end{aligned}$$

$$\vec{y} - \vec{x} = \vec{y} - \vec{x}_S ?$$



$$\bar{f} = \frac{\bar{H}}{\|\vec{x}_S - \vec{y}\|} + \frac{(\vec{x}_S - \vec{y})(\vec{x}_S - \vec{y})^T}{\|\vec{x}_S - \vec{y}\|^3} \quad \vec{x}_S = Q\vec{x}$$

" $\bar{f}(\vec{x}_S)$ "

\uparrow
rotated

$$\vec{x}_S - \vec{x} = Q\vec{x} - \vec{x}$$

$\vec{x}_S - \vec{y}$
↑
Express \vec{y}
in agg coordinate