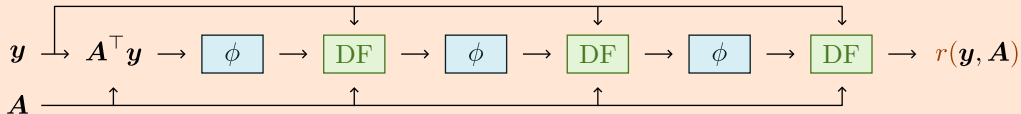


Equivariant reconstructor

$$\mathbf{y} \longrightarrow \frac{1}{|\mathcal{G}|} \sum_{g \in \mathcal{G}} \mathbf{T}_g \mathbf{r}(\mathbf{y}, \mathbf{A} \mathbf{T}_g) \longrightarrow f(\mathbf{y}, \mathbf{A})$$



$$\mathbf{z} \longrightarrow \left(\mathbf{A}^\top \mathbf{A} + \nu \mathbf{I} \right)^{-1} \left(\mathbf{A}^\top \mathbf{y} + \nu \mathbf{z} \right) \longrightarrow \mathbf{x}$$

\downarrow \mathbf{y}
 \uparrow \mathbf{A}

Data-fidelity (DF)

$$\mathbf{x} \longrightarrow \text{UNet} \longrightarrow \phi(\mathbf{x})$$

Denoiser