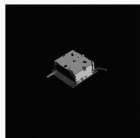
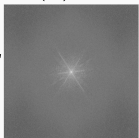


Function space (\mathcal{A})

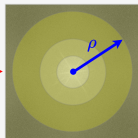


Simulation Data I_s

FFT



$\mathcal{F}[I_s]$

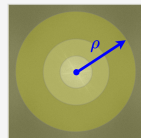


Frequency-space
Filtering

Frequency-Space
Neural Operator

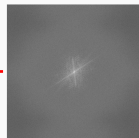
(I) Training FRESCO

$$g^\dagger : \mathcal{A} \rightarrow \mathcal{U}$$



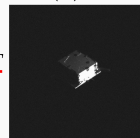
Frequency-space
Filtering

Function space (\mathcal{U})



$\mathcal{F}[I_r]$

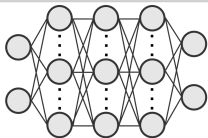
FFT



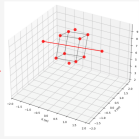
Real Data I_r



Simulation Data I_s



Pose Estimation Model
(II) Training Phase

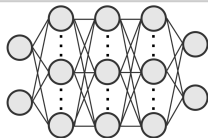


6-DoF result $\hat{P}(I_s)$

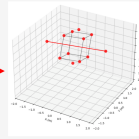
Domain
Adaptation



FRESCO Data I_r



Pose Estimation Model
(III) Test Phase



6-DoF result $\hat{P}(I_r)$