

1. Mapping-Stage

$$I(\cdot) \rightarrow \{\mathcal{S}, \mathcal{F}\}$$

2. Minimization-Stage

$$\hat{\omega} = \arg \min_{\omega} U(\omega)$$

3. Re-Mapping-Stage

$$\{\mathcal{S}, \hat{\omega}\} \rightarrow I(\cdot)$$

