

$$\hat{\mathbf{x}}_2^- = \hat{\xi} \hat{\mathbf{x}}_1^+ + \int_{\Omega} \Psi(\mathbf{r}') f(\phi^\top(\mathbf{r}') \hat{\mathbf{x}}_1^+) d\mathbf{r}' \hat{\boldsymbol{\theta}}$$

