

$$S_{\ell}^{\mathbb{C}} \triangleleft_w^2 \mathbb{C} \xleftarrow[\text{unitary}]{\mathcal{I}^*} \partial_{\ell} \Omega_{\ell}^2 \triangleleft \mathbb{C}$$

$$\widehat{\mathcal{I}^* f} = \mathcal{I}_z^* \star f$$

$${}^x \mathcal{I}_z^* =$$

$$\mathcal{I}^* f_w = \underline{G}_w^{-\ell a/2}$$