

$$\mathbb{R} \mathcal{K} \nabla_{\circ \underline{K}}^{\#} = \mathbb{R} \mathcal{K} \nabla_{\circ \underline{K}}^{\#} \overbrace{\triangle \mathbb{R}}^{\lambda} = \mathbb{R} \mathcal{K}_{\lambda} \star \nabla_{\circ \underline{K}}^{\# \lambda} \int_{\circ \underline{K}}^{\lambda}$$