

$$\begin{split} \mathcal{S}(T(\emptyset,\Theta)) &= \int \underbrace{(w_0 p_0 y_1}_{X}, y_0 \circ y_0 \circ y_0 \otimes y_0) = 00^{\frac{1}{2}} \frac{y_0}{y_0} y_0 \circ y_0 \otimes y_0$$