

$$\begin{aligned} \text{ro}_{f; (g; h)} &: \mathbf{X}_f \circ (\mathbf{X}_g \circ \mathbf{X}_h) \rightarrow \mathbf{Y}_h \\ [x_f \circ x_g \circ x_h] &\mapsto \text{ro}_h(x_h). \end{aligned}$$