Axiom 4) of Definition ?? for the endomorphism operad  $\mathcal{O}End(X)$ : Applying f to arguments of the form  $\tau_{\sigma_i}(g_i)$  yields the same function as first permuting all arguments via  $(\sigma_1, \ldots, \sigma_n)^{-1}$  and then applying  $f \star \vec{g}$ .  $f \left[ \begin{array}{ccc} & \uparrow & \\ f & \\ \downarrow & g_1 \rightarrow & \dots & \downarrow & \\ & & \downarrow & \\ \end{array} \right] f \star \vec{g}$