

$$\begin{array}{c}
((x_1 \otimes x_1) \otimes x_1 \otimes (x_1 \otimes (x_1 \otimes x_1))) \otimes (x_1 \otimes x_1) \\
\downarrow (1_{(x_1 \otimes x_1) \otimes x_1} \otimes \alpha_{x_1, x_1, x_1}) \otimes 1_{(x_1 \otimes x_1)} \\
((x_1 \otimes x_1) \otimes x_1 \otimes ((x_1 \otimes x_1) \otimes x_1) \otimes (x_1 \otimes x_1))
\end{array}$$