

$$\left. \begin{array}{ccc}
& \mathbf{g} & \xrightarrow{\quad T \quad} \mathbf{g}' \\
P^{(0,1)} \downarrow & & \downarrow P^{(0,1)} \\
& \mathbf{g}_{[1]} & \xrightarrow{\quad T_{\sigma_0} \quad} \mathbf{g}'_{[1]} \\
P^{(0,2)} \downarrow & & \downarrow P^{(0,2)} \\
& \mathbf{g}_{[2]} & \xrightarrow{\quad T_{\sigma_1 \sigma_0} \quad} \mathbf{g}'_{[2]} \\
P^{(0,3)} \downarrow & & \downarrow P^{(0,3)} \\
& \mathbf{g}_{[3]} & \xrightarrow{\quad T_{\sigma_2 \sigma_1 \sigma_0} \quad} \mathbf{g}'_{[3]} \\
& \vdots & \\
& \vdots & \\
& \mathbf{d} & \xrightarrow{\quad T_{\text{sh}} \quad} \mathbf{d}'
\end{array} \right\} B$$