

$$\begin{array}{ccccc}
F(x_0, x_1, x_2) & \xlongequal{\quad} & F((y_0, y_1, y_2) \cdot T) & \xlongequal{\quad} & F((z_0, z_1, z_2) \cdot MT) \\
\uparrow \ell_\varepsilon & & \uparrow \ell_{\varepsilon'} & & \uparrow \ell_{\varepsilon''} \\
F(\mathbf{e}_0, \mathbf{e}_1, \mathbf{e}_2) & \longmapsto & F(T\mathbf{e}_0, T\mathbf{e}_1, T\mathbf{e}_2) & \longmapsto & F(MT\mathbf{e}_0, MT\mathbf{e}_1, MT\mathbf{e}_2)
\end{array}$$