

$$\begin{array}{ccccc}
V & \xrightarrow{\phi_{T,\varepsilon}} & V & \xlongequal{\quad} & V \\
\phi_{M,\varepsilon_0} \uparrow & & \phi_{M,\varepsilon_0} \uparrow & & \uparrow \\
V & & V & & \ell_{\varepsilon_0} \\
\ell_{\varepsilon_0} \uparrow & & \ell_{\varepsilon_0} \uparrow & & \\
K^{n+1} & \xrightarrow{a \mapsto Ta} & K^{n+1} & \xrightarrow{a \mapsto Ma} & K^{n+1}
\end{array}$$