

$$\begin{array}{ccc}
M_s \times_C M & \xrightarrow{c} & M \\
\scriptstyle F_M \times F_M \circ \omega \downarrow & \circlearrowleft & \downarrow F_M \\
M'_{s'} \times_{C'} M' & \xrightarrow{c'} & M'
\end{array}$$