

$$\begin{array}{ccc}
M'_\gamma & \xlongequal{\quad} & M'_\gamma \\
\downarrow & & \downarrow \\
M_\gamma & \xrightarrow{\boxed{S}} & M_{\gamma+1} \\
\downarrow & & \downarrow \text{---} \\
M''_\gamma & \hookrightarrow \text{---} & M''_{\gamma+1}
\end{array}$$

$$\begin{array}{ccccc}
M'_\beta & \longrightarrow & M'_{\beta+1} & \xlongequal{\quad} & M'_\beta \oplus F \\
\downarrow & & \downarrow & & \\
M_\beta & \xrightarrow{\boxed{F}} & M_{\beta+1} & \xlongequal{\quad} & M_\beta \oplus F \\
\downarrow & & \downarrow & & \\
M''_\beta & \xlongequal{\quad} & M''_\beta & &
\end{array}$$