$$
\begin{array}{ccccccccc}
0 & \longrightarrow & M & \lhook\joinrel\longrightarrow & X_\beta & \twoheadrightarrow & C_\beta & \longrightarrow & 0 & & \theta_\beta \\
& & \Big\| & & \Big\downarrow & & \Big\downarrow & & & & \Big\downarrow \\
0 & \longrightarrow & M & \lhook\joinrel\longrightarrow & \operatorname{im}(\alpha_\beta) & \twoheadrightarrow & \operatorname{im}(\alpha_\beta|_{\operatorname{cok}}) & \longrightarrow & 0 & & \varepsilon \\
& & \Big\| & & \Big\downarrow & & \Big\downarrow & & & & \Big\downarrow \\
0 & \longrightarrow & M & \lhook\joinrel\longrightarrow & X_{\beta+1} & \twoheadrightarrow & C_{\beta+1} & \longrightarrow & 0 & & \theta_{\beta+1}
\end{array}
$$