

$$\begin{array}{ccccccc}
 & & & & 0 & & \\
 & & & & \curvearrowright & & \\
 A & \xrightarrow{\alpha} & B & \xrightarrow{\beta} & C_\alpha & \xrightarrow{\gamma} & \Sigma(A) \\
 & \searrow \iota_A & & \nearrow \rho & & \nearrow \pi_A & \\
 & & I_A & & & &
 \end{array}$$