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Short exact sequences with indecomposable cokernel term (25-30)

Let

$$0 \rightarrow A \xrightarrow{i} B \xrightarrow{p} C \rightarrow 0$$

be a short exact sequence with C indecomposable. We show that

$$\underline{\text{Hom}}(\tau^- A, C) / \text{Im}(\tau^- A, \underline{p})$$

has simple socle as an End C -module. We shall explain how this result emerged from attempting to find an alternative proof of a result of Krause's on kernels of irreducible maps.