

$$\begin{array}{ccc}
 E & \overset{\phi}{\dashrightarrow} & E/\langle S \rangle \\
 \psi \downarrow & & \downarrow \psi' \\
 E/\langle R \rangle & \xrightarrow{\phi'} & E/\langle R, S \rangle
 \end{array}$$

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