

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