

$$\begin{array}{ccc}
 \mathcal{M}(\Sigma_1) & \xrightarrow{m} & \mathcal{M}(\Sigma_2) \\
 \iota_E \uparrow & \nearrow m|_E & \\
 \mathcal{M}(E \cap \Sigma_1) & &
 \end{array}$$