

$$\begin{array}{ccc}
 & \mathcal{C} \cap \mathcal{F} & \\
 \swarrow & & \searrow \\
 \pi(\mathcal{C} \cap \mathcal{F}) & \xleftarrow{\hspace{1.5cm}} & \frac{\mathcal{C} \cap \mathcal{F}}{\mathcal{C} \cap \mathcal{W} \cap \mathcal{F}}
 \end{array}$$