$$\bullet \xrightarrow{\begin{pmatrix} i \\ f \end{pmatrix}} \bullet \oplus \bullet \xrightarrow{(f', -i)} \bullet$$

$$\bullet \xrightarrow{i} \bullet \xrightarrow{d} \circledast \bullet$$

$$\downarrow^{f} \qquad \downarrow^{f'} \qquad \parallel$$

