

$$\begin{array}{ccc}
 A \amalg A & \xrightarrow{(f,g)} & B \\
 \begin{array}{c} \left(\begin{smallmatrix} 1 \\ 1 \end{smallmatrix}\right) \downarrow \end{array} & \searrow (\partial_0, \partial_1) & \uparrow h \\
 A & \xleftrightarrow{\sigma} & A'
 \end{array}$$