

$$\begin{array}{c}
 \begin{array}{ccc}
 & f & \\
 A & \begin{array}{c} \Downarrow \alpha \end{array} & B \\
 & g &
 \end{array}
 \end{array}
 \text{ and }
 \begin{array}{c}
 \begin{array}{ccc}
 & g & \\
 A & \begin{array}{c} \Downarrow \beta \end{array} & B \\
 & h &
 \end{array}
 \end{array}
 \implies
 \begin{array}{c}
 \begin{array}{ccc}
 & f & \\
 A & \begin{array}{c} \Downarrow \beta \bullet \alpha \end{array} & B \\
 & h &
 \end{array}
 \end{array}$$