$$\begin{array}{cccc} a_1 & \longrightarrow & a_2 & & a_1 & \longrightarrow & a_3 \\ \uparrow & & \uparrow & = & \uparrow & & \uparrow \\ a_3 & \longrightarrow & a_4 & & a_2 & \longrightarrow & a_4 \end{array}$$