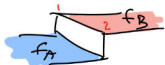


Case

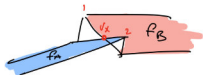
condition

vertex order



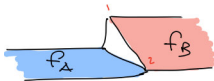
$$h_{1A} < h_{1B} \text{ AND } h_{2A} < h_{2B}$$

$$1. \quad \overset{\text{blue arrow}}{V_{1B}}, \overset{\text{blue arrow}}{V_{1A}}, \overset{\text{blue arrow}}{V_{2A}}, \overset{\text{blue arrow}}{V_{2B}}$$



$$h_{1A} < h_{1B} \text{ AND } h_{2A} > h_{2B}$$

$$\left. \begin{array}{l} 1. \quad \overset{\text{blue arrow}}{V_{1B}}, \overset{\text{blue arrow}}{V_{1A}}, \overset{\text{blue arrow}}{V_x} \\ 2. \quad \overset{\text{blue arrow}}{V_{2A}}, \overset{\text{blue arrow}}{V_{2B}}, \overset{\text{blue arrow}}{V_x} \end{array} \right\} 2 \text{ Faces!}$$



$$h_{1A} < h_{1B} \text{ AND } h_{2A} = h_{2B}$$

$$1. \quad \overset{\text{blue arrow}}{V_{1B}}, \overset{\text{blue arrow}}{V_{1A}}, \overset{\text{blue arrow}}{V_{2A}}$$