

LFA

$$\begin{array}{ccc}
 p & \sim & q \\
 \downarrow a & & \downarrow a \\
 [p_1] & \sim & [q_1] \\
 p_2 & \sim & q_2 \\
 \vdots & & \vdots \\
 p_n & \sim & q_n \\
 [& \sim & [
 \end{array}$$
