Let α be a path in X from X. to X_1 . Let β be a path in X from X_1 to X_2 . Show that if $\gamma = \alpha \circ \beta$ then $\gamma = \beta \circ \alpha$ for any [f] $\gamma = \alpha \circ \beta \text{ then } \gamma = \beta \circ \alpha$ $\gamma = \beta \circ \alpha \circ \beta = \beta \circ \alpha \circ \beta$ $\gamma = \beta \circ \alpha \circ \beta = \beta \circ \alpha \circ \beta$ $\gamma = \beta \circ \alpha \circ \beta = \beta \circ \alpha \circ \beta$ $\gamma = \beta \circ \alpha \circ \beta = \beta \circ \alpha \circ \beta$ $\gamma = \beta \circ \alpha \circ \beta = \beta \circ \alpha \circ \beta$