$$X \stackrel{p}{\longleftarrow} Z \stackrel{\text{id}}{\longleftarrow} Z$$

$$f \downarrow \qquad \downarrow g \qquad \equiv \qquad f \downarrow \qquad \downarrow g$$

$$Y \stackrel{p}{\longrightarrow} U \stackrel{\text{id}}{\longrightarrow} U \qquad \qquad Y \stackrel{p}{\longrightarrow} U$$