$$\begin{array}{c|c}
\mathbf{P}_1 & \xrightarrow{\mathbf{S}_1} & \mathbf{S}_1 \\
\hline
\mathbf{P}_1 & \mathbf{P}_2 & \mathbf{P}_2 & \mathbf{S}_2
\end{array}$$

$$\begin{array}{c|c}
\mathbf{P}_1 & \xrightarrow{\mathbf{P}_1} & \mathbf{S}_1 \\
\hline
\mathbf{P}_2 & \xrightarrow{\mathbf{P}_2} & \mathbf{S}_2
\end{array}$$