$$P(s_1) \longrightarrow P(s_2) \longrightarrow \cdots \longrightarrow P(s_{n-1}) \longrightarrow P(s_n)$$

$$\uparrow_{\eta_{S_1}} \qquad \uparrow_{\eta_{S_n}} \qquad \uparrow_{\eta_{S_{n-1}}} \qquad \uparrow_{\eta_{S_n}}$$

$$K(s_1) \longrightarrow K(s_2) \longrightarrow \cdots \longrightarrow K(s_{n-1}) \longrightarrow K(s_n)$$