$$\hat{
ho}$$
 $\left\{ \begin{array}{c} \hat{U} \\ \hline \end{array} \right\} \hat{
ho}_{\mathbf{P}}$ $\left| \Phi \right\rangle \left\{ \begin{array}{c} \hat{\tau}_{\mathbf{P}} \\ \hline \end{array} \right\} \left\langle \Phi \right|$