

$$\begin{array}{c}
 \{ \hat{\rho}_i \} \\
 \cdot \cdot \cdot \text{---} \boxed{\text{---} \text{---} \text{---}} \\
 \cdot \cdot \cdot \text{---} \text{---} \text{---}
 \end{array}
 \iff
 \mathbb{P} = \{ p_i \}, \quad p_i = \text{tr} [ (\hat{\rho}_i^0 \otimes \hat{I}^1) (\dots) ] \\
 \qquad \qquad \qquad = \text{tr} [ \hat{\rho}_i \text{tr}_1 [ (\dots) ] ]$$