$$[\widehat{A},\widehat{B}] = 0$$
 = \emptyset at least one common set of eigenvectors
for both \widehat{A} and \widehat{B}

$$-\widehat{\rho}\left[\frac{1}{2m}\widehat{p}^{2}+V(\widehat{z})\right]=$$

$$= \frac{1}{2m} \hat{p}^2 \hat{p} + V(\hat{x}) \hat{p} - \frac{1}{2m} \hat{p} \hat{p}^2 - \hat{p} V(\hat{x}) =$$