



$$\begin{array}{c|c} \left[P\{h_{k}=1\} = \frac{1}{r} \sum_{j=0}^{p-1} Co\left(\frac{2\pi p}{j}\right)^{k} e^{-i\frac{2\pi p}{r}} \right] = 0. \\ \hline \left[\left[\left(\frac{1}{r}\right)^{k} - \left(\frac{1}{r}\right)^{k} \right] \right] \\ \hline \left[\left(\frac{1}{r}\right)^{k} - \left(\frac{1}{r}\right)^{k} - \left(\frac{1}{r}\right)^{k} \right] \\ \hline \left[\left(\frac{1}{r}\right)^{k} - \left(\frac{1}{r}\right)^{k}$$

$$||f||^2 ||Q-u||_2 = ||q|| ||Q-u||_2 \otimes |u| \int_{|M|} \int_{|M|} du ||q| \operatorname{Tr} (||Q-u||_2) ||Q-u||_2 du ||Q||_2 du$$