



$$\mathbf{h} = \left(\begin{array}{c|c|c} 1/2 & \dots & 0 \\ 1/2^2 & \dots & 0 \\ \vdots & \ddots & \vdots \\ 1/2^{\ell} & \dots & 0 \\ \hline \vdots & \ddots & \vdots \\ \hline 0 & \dots & 1/2 \\ 0 & \dots & 1/2^2 \\ \vdots & \ddots & \vdots \\ 0 & \dots & 1/2^{\ell} \end{array} \right)$$