

$$\left[ \begin{array}{cccc|c} \lambda_1 & 1 & \cdots & 0 & \\ 0 & \lambda_1 & \ddots & \vdots & \\ \vdots & & \ddots & 1 & \\ 0 & & \cdots & \lambda_1 & \end{array} \right] \left. \vphantom{\begin{array}{c} \lambda_1 \\ 0 \\ \vdots \\ 0 \end{array}} \right\}^k$$


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$$\underbrace{\hspace{10em}}_k$$