

$$\begin{array}{ccccccc}
0 & \longrightarrow & k^n & \xrightarrow{\begin{pmatrix} I \\ 0 \end{pmatrix}} & k^{2n} & \xrightarrow{\begin{pmatrix} 0 & I \end{pmatrix}} & k^n \longrightarrow 0 \\
& & \begin{array}{c} I \downarrow \quad \downarrow J_n(\lambda) \end{array} & & \begin{array}{c} I_{2n} \downarrow \quad \downarrow J_{2n}(\lambda) \end{array} & & \begin{array}{c} I \downarrow \quad \downarrow J_n(\lambda) \end{array} \\
0 & \longrightarrow & k^n & \xrightarrow{\begin{pmatrix} I \\ 0 \end{pmatrix}} & k^{2n} & \xrightarrow{\begin{pmatrix} 0 & I \end{pmatrix}} & k^n \longrightarrow 0
\end{array}$$