

Sec. 9.3 8 本题 three steps FFT. 其相 $F_8 = \left(\frac{I_4}{I_4} \frac{D_4}{D_4} \right) \left(\frac{F_4}{F_4} \right) \left(\frac{F_4}$ $C = \begin{pmatrix} 0 \\ 0 \\ 0 \\ 0 \end{pmatrix} \begin{pmatrix} 1 \\ -1 \\ 0 \\ 0 \\ 0 \end{pmatrix} \begin{pmatrix} F_4 \\ 0 \\ 0 \\ 0 \\ 0 \end{pmatrix}$

 $\int_{0}^{2} = \begin{pmatrix} 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \\ 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \end{pmatrix} \qquad \int_{0}^{3} = \begin{pmatrix} 0 & 0 & 0 & 1 \\ 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{pmatrix}$ $\Rightarrow (=2I_4-J-J^3)$ 有两种方法求公的特征值 可计义方法; ②求了的特征值

Sec 9.3 14

 $\bigcup_{n}^{H} A \cup_{n} = f(\Lambda)$