

から紅 湿度

 $T_i = temp in tank i , 2 = 237.4 = 25$

什么决定了没度研究化? 简单解释,是差。

$$\chi'_{1} = \alpha (1x_{3}-x_{1}) + \alpha (x_{2}-x_{1})$$

$$\chi'_{1} = -2\alpha \chi_{1} + \alpha \chi_{2} + \alpha \chi_{3}$$

$$\chi'_{2} = \alpha \chi_{1} - 2\alpha \chi_{2} + \alpha \chi_{3}$$

$$\chi'_{3} = \alpha \chi_{1} + \alpha \chi_{2} - 2\alpha \chi_{3}$$

$$\chi'_{3} = \alpha \chi_{1} + \alpha \chi_{2} - 2\alpha \chi_{3}$$

$$\begin{pmatrix} \chi_1 \\ \chi_2 \\ \chi_3 \end{pmatrix}^{1} = \begin{pmatrix} -2 & 1 & 1 \\ 1 & -2 & 1 \\ 1 & 1 & -2 \end{pmatrix} \begin{pmatrix} \chi_1 \\ \chi_2 \\ \chi_3 \end{pmatrix}$$

$$|A-uI| = \begin{vmatrix} -2-1 & 1 & 1 \\ 1 & -2-1 & 1 \\ 1 & (& -2-1) \end{vmatrix} = -(0.42)^3 + 2 + 3(2+1) = 0$$

パナジレーンナ3人:2 + 23-2 - 3(2f人) =0

3 +62 +9a, =0 入(d+3)2 20 eigenvalues · $\lambda = 0$, $\lambda = -3$ ② 从=3, (1) 2=2 可能的解 (1) et (1) et (1) et (1) et (1) et $\Rightarrow \begin{pmatrix} \chi_1 \\ \chi_2 \\ \chi_3 \end{pmatrix} = \mathcal{L}_1 \begin{pmatrix} 1 \\ 0 \\ -1 \end{pmatrix} e^{-3t} + \mathcal{L}_2 \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix} e^{-3t} + \mathcal{L}_3 \begin{pmatrix} 1 \\ 1 \\ 0 \end{pmatrix}$ _当七一四时,波部发行0

②、老人是重起。但可以找到足够的做好管理。 enganalues" 来构造所需数量的独文解。

完备特征值. > Complete eigenvalue 拟处。 Es defective eigenvalue (Prob. 2) real nxn matrix with is symmetric (A72A) all it eigenvalues are complete

Complex eigenvalues:

-> calc. cx. eigenvectors.

-> torm soln. 2 carbi) t

-> take real & imaginary parts.

の きりか、メガラ→×が 正常研究. 当×か、りょう りし 妹

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$$Re = \binom{2}{-1} lnst - \binom{0}{1} sit$$

$$\binom{x}{y} = \binom{2 cnst}{-bst-sit} nst$$

$$Im = \binom{0}{1} lnst + \binom{2}{-1} sit$$