$$l_{ii}=1$$
 $d_{i}=\alpha_{ii}=2$

$$t_{21} = (2)$$
 = $t_{21} = (2)$ $t_{21} = (2)$ $t_{21} = (2)$

$$d_{2} = a_{22} - \frac{1}{k^{2}} \cdot t_{2} k l_{2} k = -2 - \frac{1}{2} = -\frac{1}{2}$$

$$t_{32} = a_{32} - \frac{1}{4} a_{32} t_{32} t_{22} = -3 - 1 \times (-\frac{1}{2}) = -\frac{1}{2}$$

$$|32| = \frac{t_{32}}{d_{2}} = \frac{1}{1 - (1 \times \frac{1}{2} + (\frac{1}{2}) \times 1)}$$

$$= 0 d_{3} = \frac{2}{1 + \frac{1}{2}} = \frac{1}{3}$$

$$\Rightarrow L = \begin{pmatrix} 1 \\ -0.5 & 1 \\ 0.5 & 1 & 1 \end{pmatrix}, D = \begin{pmatrix} 2 \\ -2.5 \\ 3 \end{pmatrix}$$

0×7、华度族, st. 第一副最优 $= \begin{pmatrix} 18 & -3 & -1 \\ 12 & -3 & 3 \\ 1 & 1 & 1 \end{pmatrix} \begin{pmatrix} 71 \\ 7_2 \\ 7_3 \end{pmatrix} = \begin{pmatrix} 15 \\ 15 \\ 6 \end{pmatrix}$ $\Rightarrow \begin{pmatrix} 18 & -3 & -1 \\ 0 & -1 & \frac{11}{3} \\ 0 & \frac{7}{6} & \frac{19}{18} \end{pmatrix} \begin{pmatrix} 31 \\ 32 \\ 33 \end{pmatrix} = \begin{pmatrix} 15 \\ 5 \\ 41 \\ 6 \end{pmatrix}$ 0.9898, 1.9570, 3.05 0×9 , $\beta_{i} = c_{i} / b_{i} = \frac{-1}{2} = -\frac{1}{2}$ $\beta_{2} = C_{2}/(b_{2}-\alpha_{2}\cdot\beta_{1}) = -1/(2-(-1)\cdot(-\frac{1}{2}))$ $\vec{x} = (0.833, 0.667, 0.5, 0.33, 0.1667)$