

Yuli Zhi

Weight matrix

$$W = \begin{pmatrix} 0.0 & 0.33 & -0.33 & 1.0 & 0.33 & 0.33 & 1.0 & -0.33 & 1.0 & 0.33 & -0.33 \\ 0.33 & 0.0 & -1.0 & 0.33 & 1.0 & -0.33 & 0.33 & -1.0 & 0.33 & 1.0 & 0.33 \\ -0.33 & -1.0 & 0.0 & -0.33 & -1.0 & 0.33 & -0.33 & 1.0 & -0.33 & -1.0 & -0.33 \\ 1.0 & 0.33 & -0.33 & 0.0 & 0.33 & 0.33 & 1.0 & -0.33 & 1.0 & 0.33 & -0.33 \\ 0.33 & 1.0 & -1.0 & 0.33 & 0.0 & -0.33 & 0.33 & -1.0 & 0.33 & 1.0 & 0.33 \\ 0.33 & -0.33 & 0.33 & 0.33 & -0.33 & 0.0 & 0.33 & 0.33 & 0.33 & -0.33 & -1.0 \\ 1.0 & 0.33 & -0.33 & 1.0 & 0.33 & 0.33 & 0.0 & -0.33 & 1.0 & 0.33 & -0.33 \\ -0.33 & -1.0 & 1.0 & -0.33 & -1.0 & 0.33 & -0.33 & 0.0 & -0.33 & -1.0 & -0.33 \\ 1.0 & 0.33 & -0.33 & 1.0 & 0.33 & 0.33 & 1.0 & -0.33 & 0.0 & 0.33 & -0.33 \\ 0.33 & 1.0 & -1.0 & 0.33 & 1.0 & -0.33 & 0.33 & -1.0 & 0.33 & 0.0 & 0.33 \\ -0.33 & 0.33 & -0.33 & -0.33 & 0.33 & -1.0 & -0.33 & -0.33 & -0.33 & 0.33 & 0.0 \end{pmatrix}$$

Test 1

$$\begin{bmatrix} \square & \square \\ \square & \square \end{bmatrix} \begin{matrix} 0 & -4.333 \\ 3 & -16.333 \end{matrix} \begin{bmatrix} \square & \square \\ \square & \square \end{bmatrix} \begin{matrix} 3 & -16.333 \\ 3 & -16.333 \end{matrix}$$

Test 2

$$\begin{bmatrix} \square & \square \\ \square & \square \end{bmatrix} \begin{matrix} 0 & -0.333 \\ 3 & -9.667 \end{matrix} \begin{bmatrix} \square & \square \\ \square & \square \end{bmatrix} \begin{matrix} 3 & -16.333 \\ 3 & -16.333 \end{matrix}$$