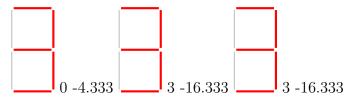
## Yuli Zhi

## Weight matrix

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

## Test 1



## Test 2

