



$$\Rightarrow$$

$$\mathbf{w}_{k=1} = \begin{bmatrix} w_{111} & w_{121} & w_{131} & w_{141} \\ w_{211} & w_{221} & w_{231} & w_{241} \\ w_{311} & w_{321} & w_{331} & w_{341} \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

$$\mathbf{w}_{k=2} = \begin{bmatrix} w_{112} & w_{122} & 0 & 0 \\ w_{212} & w_{222} & 0 & 0 \\ w_{312} & w_{322} & 0 & 0 \\ w_{412} & w_{422} & 0 & 0 \end{bmatrix}$$

$$\Rightarrow$$

$$\mathbf{w} = \begin{bmatrix} w_{111} & w_{121} & \dots & w_{1j1} \\ w_{211} & w_{221} & \dots & w_{2j1} \\ \vdots & \vdots & \ddots & \vdots \\ w_{i11} & w_{i21} & \dots & w_{ij1} \end{bmatrix} \begin{bmatrix} w_{112} & w_{122} & \dots & w_{1j2} \\ w_{212} & w_{222} & \dots & w_{2j2} \\ \vdots & \vdots & \ddots & \vdots \\ w_{i12} & w_{i22} & \dots & w_{ij2} \end{bmatrix} \dots \begin{bmatrix} w_{11k} & w_{12k} & \dots & w_{1jk} \\ w_{21k} & w_{22k} & \dots & w_{2jk} \\ \vdots & \vdots & \ddots & \vdots \\ w_{i1k} & w_{i2k} & \dots & w_{ijk} \end{bmatrix}$$