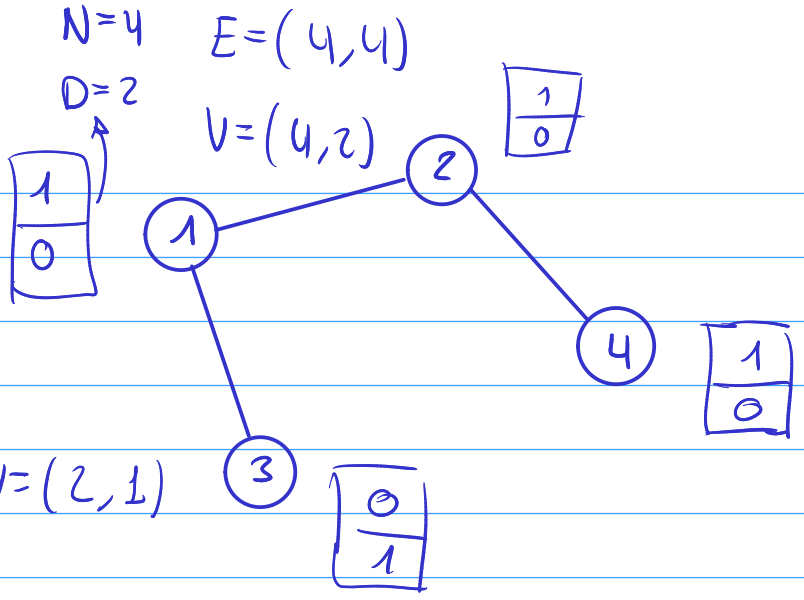

$$V = \begin{bmatrix} 1 & 0 \\ 1 & 0 \\ 0 & 1 \\ 1 & 0 \end{bmatrix}$$

$$E = \begin{pmatrix} 1 & 1 & 1 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$

Hem afegit II

$$W = \begin{pmatrix} 1 & 1 \\ 1 & 1 \end{pmatrix}$$

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$$V_{il} = \frac{1}{d_i} \sum_j^N \sum_k^D e_{ij} v_{jk} w_{lk}$$

Per $i=1$, $l=1$

$$v_{11} = \frac{1}{2} \left\{ \begin{array}{l} e_{11} \cdot [v_{11} \cdot w_{11} + v_{12} \cdot w_{12}] \\ + e_{12} [v_{21} \cdot w_{11} + v_{22} \cdot w_{12}] \\ \vdots \end{array} \right.$$

$\leftarrow d_i$

Potser 3 pq hem sumat II

$$[e_{11}\ e_{12}\ e_{13}\ e_{14}] \cdot \begin{bmatrix} v_{11} \cdot w_{11} + v_{12} \cdot w_{12} \\ v_{21} \cdot w_{11} + v_{22} \cdot w_{12} \\ v_{31} \cdot w_{11} + v_{32} \cdot w_{12} \\ v_{41} \cdot w_{11} + v_{42} \cdot w_{12} \end{bmatrix}$$

$V' = E V W$

$$\begin{bmatrix} v_{11} & v_{12} \\ v_{21} & v_{22} \\ v_{31} & v_{32} \\ v_{41} & v_{42} \end{bmatrix} \cdot \begin{bmatrix} w_{11} \\ w_{12} \end{bmatrix}$$

W te shape (D, D) i val dir

$$\begin{pmatrix} w_{11} & w_{12} \\ w_{21} & w_{22} \end{pmatrix}$$

w_{11}, w_{22} com feature s'afecta a ell mateix

w_{12} com feature 2 afecta a 1

w_{21} com feature 1 afecta a 2