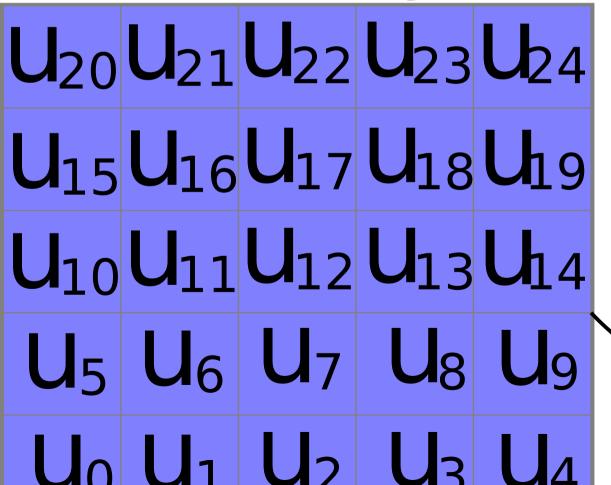
$$\frac{\hat{\mathbf{U}}}{\text{store global solution as image}} \begin{bmatrix} \mathbf{u}_0 \dots \mathbf{u}_{24} \end{bmatrix}$$



3by3 Summation Filter

Convolutional operation

i=10,11,12,15,	i=11,12,13,16,	i=12,13,14,17,
16,17,20,21,22	17,18,21,22,23	18,19,22,23,24
i=5,6,7,10,11,	i=6,7,8,11,12,	i=7,8,9,12,13,
12,15,16,17	13,16,17,18	14,17,18,19
$\sum u_i$	$\sum u_i$	$\sum u_i$

i=1,2,3,6,7,

8,11,12,13

i=0,1,2,5,6,

7,10,11,12

i=2,3,4,7,8,

9,12,13,14