

Diagram illustrating a 4x4 grid with axes I (horizontal) and J (vertical). The grid contains values:

4	5	6	7
15	0	1	8
14	2	3	9
13	12	11	10

Diagram illustrating a 4x4 grid of coordinate pairs (I,J) corresponding to the grid above. The grid contains values:

4,4	4,5	4,5	4,7
5,4	5,5	5,6	5,6
6,4	6,5	6,6	6,7
7,4	7,5	7,6	7,7

Below the grid is a row of boxes representing indices 0, 1, 2, ..., 15. The boxes for 0, 1, and 2 are highlighted in red, and the box for 15 is also highlighted in red.

Diagram illustrating a 4x9 grid of values corresponding to the grid above. The grid contains values:

ΔJ	-1	-1	-1	0	0	1	1	1
ΔI	-1	0	1	-1	1	-1	0	1
Neighbor	4	5	6	15	1	14	2	3

Below the grid is a row of boxes representing indices 0, 1, 2, ..., 15. The boxes for 0, 1, and 2 are highlighted in blue, and the box for 15 is also highlighted in blue.