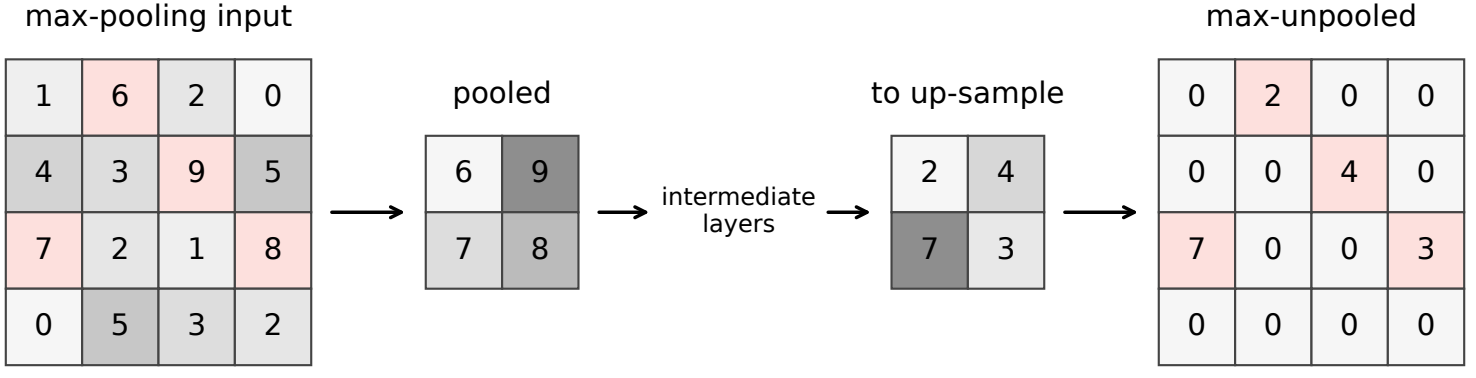

max-pooling input
1 6 2 0
4 3 9 5
7 2 1 8
0 5 3 2
pooled
6 9
7 8
intermediate layers
to up-sample
2 4
7 3
max-unpooled
0 2 0 0
0 0 4 0
7 0 0 3
0 0 0 0