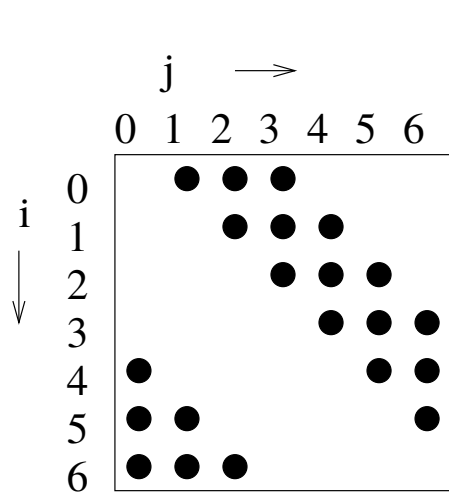
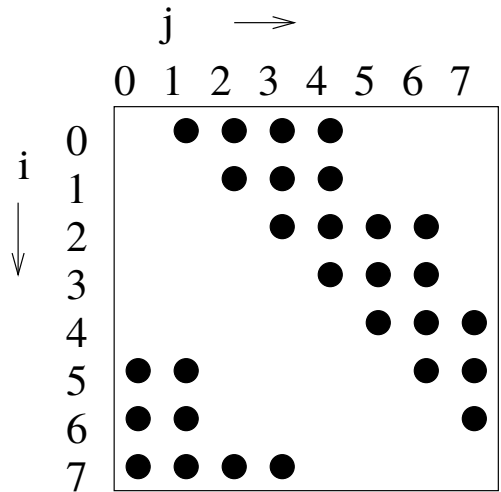


$N \bmod 4 = 2$



$N \bmod 2 = 1$



$N \bmod 4 = 0$