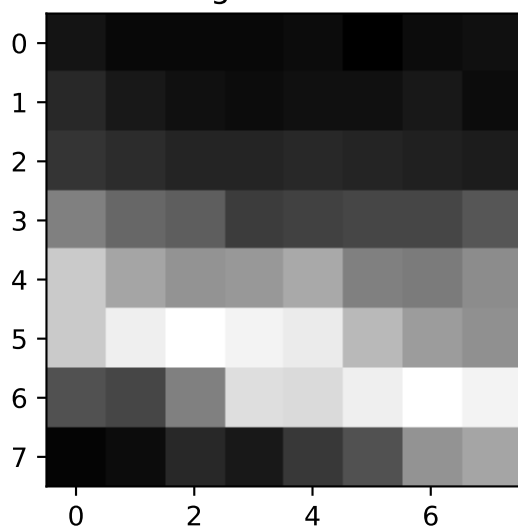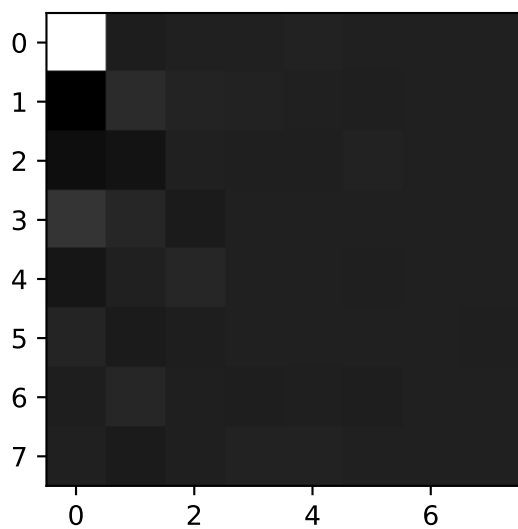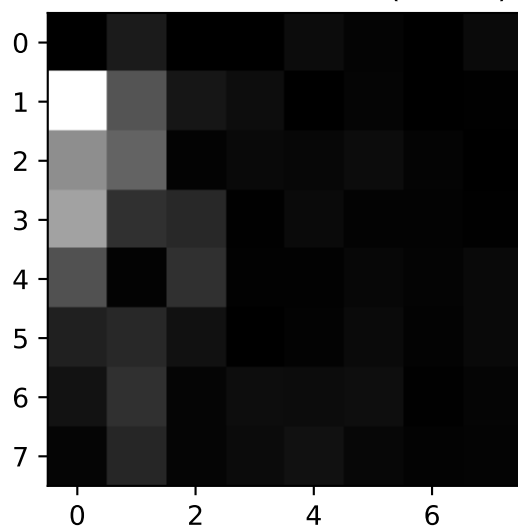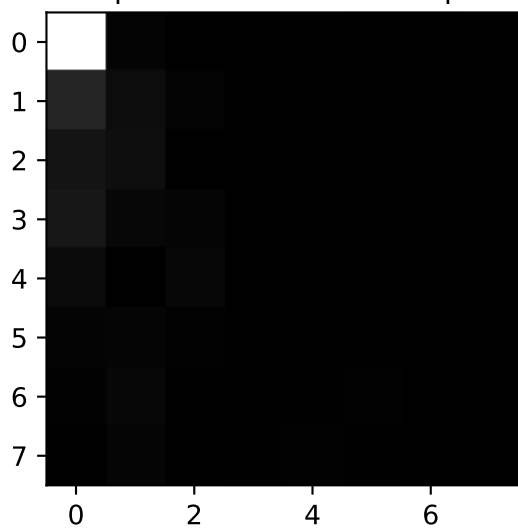Original matrix

Transformed matrix

Transformed matrix (no DC)

|Transformed matrix|

sign(Transformed matrix)