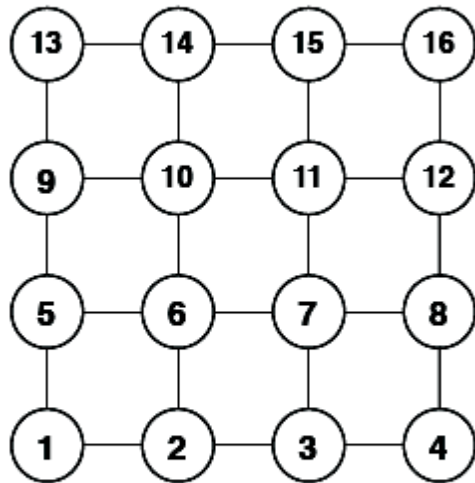
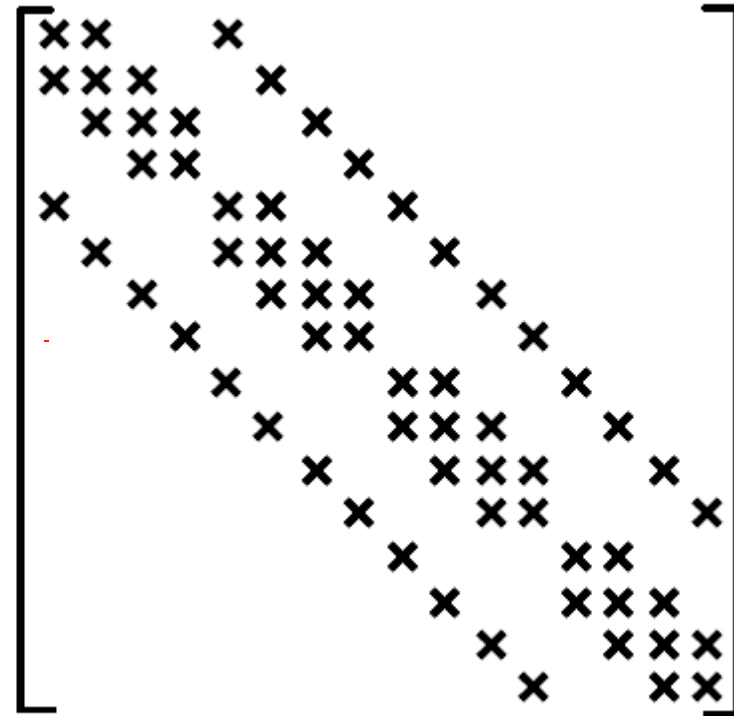


Row-wise Ordering for 2D grid

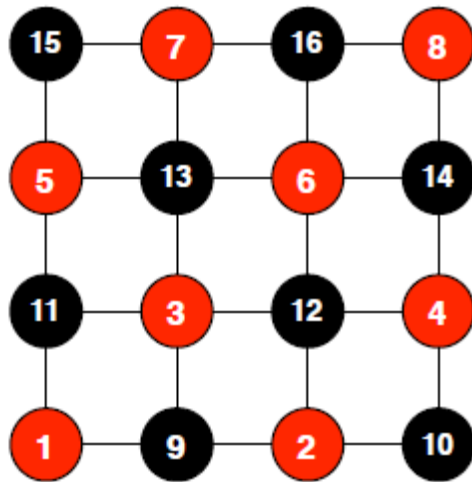


G (A)

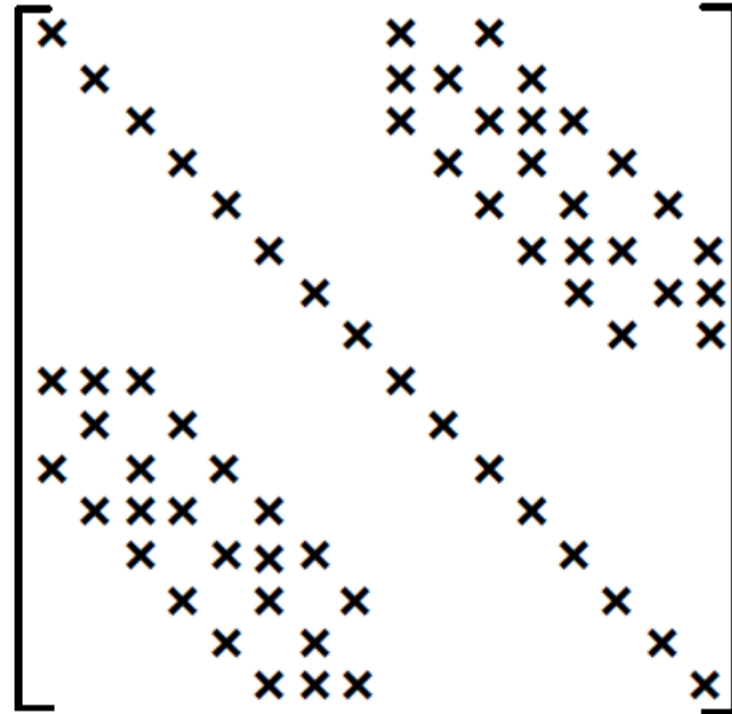


A

Red-Black Ordering for 2D grid



$G(A)$



A