Reduced density matrix for n = 2 consecutive sites at E = -0.02 for W = 0.5, N = 10-0.50.0 0.25 0.5 - 0.20 1.0 0.15 1.5 2.0 0.10 2.5 0.05 3.0 3.5 +

1.5

1.0

2.0

2.5

3.0

3.5

0.0

-0.5

0.5