Reduced density matrix for n = 2 consecutive sites at E = 17.88 for W = 8.0, N = 10-0.50.12 0.0 0.10 0.5 - 0.08 1.0 1.5 0.06 2.0 0.04 2.5 0.02 3.0 3.5 0.00

2.0

2.5

3.0

3.5

-0.5

0.0

0.5

1.0

1.5