Reduced density matrix for n = 1 consecutive sites at E = -10.19 for W = 0.5, N = 11-0.50- 0.5 -0.250.00 0.4 0.25 0.3 0.50 0.75 - 0.2 1.00 - 0.1 1.25

0.25

0.50

0.75

1.00

1.25

1.50

-0.50 - 0.25 0.00