Reduced density matrix for n = 1 consecutive sites at E = -4.66 for W = 0.5, N = 10-0.50- 0.7 -0.250.6 0.00 0.5 0.25 0.4 0.50 0.3 0.75 0.2 1.00 0.1 1.25 1.50 0.0 -0.50 - 0.25 0.000.25 0.50 0.75 1.00 1.25 1.50