I density matrix for n=7 consecutive sites at E=-10.35 for $W_{max}=0.5$, N=10.0200 20 -- 0.0175 0.0150 - 0.0125 - 0.0100 80 0.0075 0.0050 100 0.0025 120 0.0000 40 60 80 100 120