Absolute Magnetization per Spin, N=50 1.0 Theory periodic: $N_S = 10^3$ 0.8periodic: $N_S = 10^4$ free: $N_S = 10^3$ free: $N_S = 10^4$ $\frac{20.6}{20.4}$ free: 0.2 0.0^{-1}