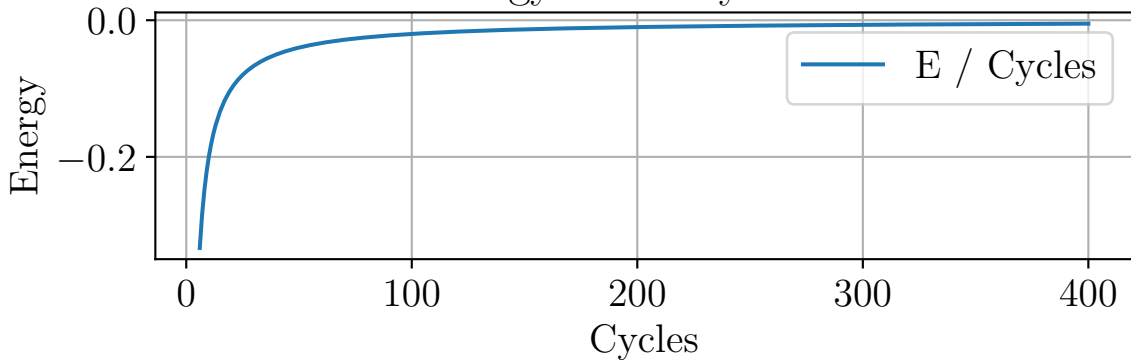


Plot of energy versus cycles for $L = 2$



Plot of magnetization versus cycles for $L = 2$

