Energy Entropy -0.2 0.7 -0.3 0.6 -0.4 0.5 \$\sigma(\tau)\$ -0.5 0.4 -0.6 0.3 -0.7 0.2 -0.8 0.1 -0.9 ^J\$U(\tau)\$0 2.5 1.5 0.5 1 1.5 2 3 0.5 1 2 2.5 Free Energy **Heat Capacity** 0.55 0.5 **€**\sigma(\tau)\$ -1.2 0.45 -1.4 0.4 0.35 -1.6 0.3 -1.8 0.25 0.2 -2 0.15 -2.2 0.1 1.5 2.5 0.5 2 3 0.5 1.5 2 2.5

Physical Quantities