

Figure 1: Magnetization vs external B field strength for 10×10 lattice at temperature $T = .001$. B ranges from -20 to 20 in $.2$ intervals. $k_1 = k_2 = 0$.

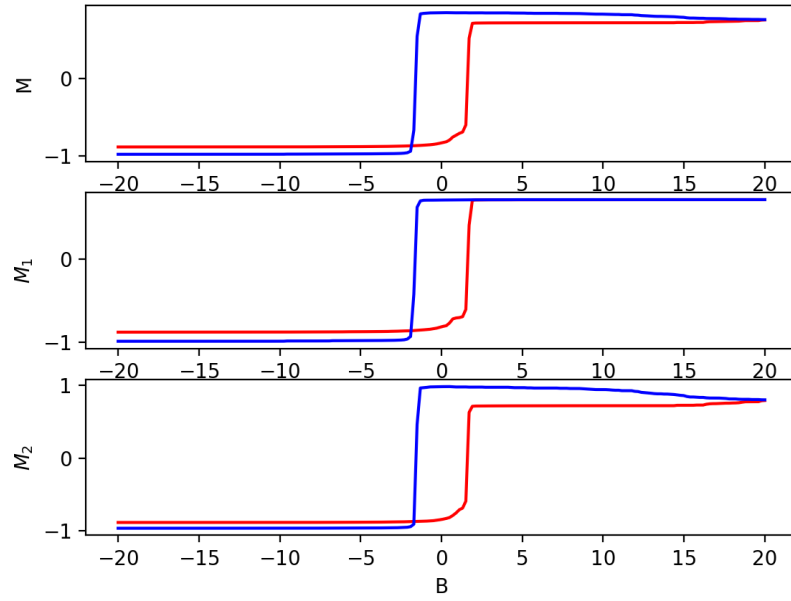


Figure 2: Magnetization vs external B field strength for 10×10 lattice at temperature $T = .001$. B ranges from -20 to 20 in $.2$ intervals. $k_1 = k_2 = .5$.

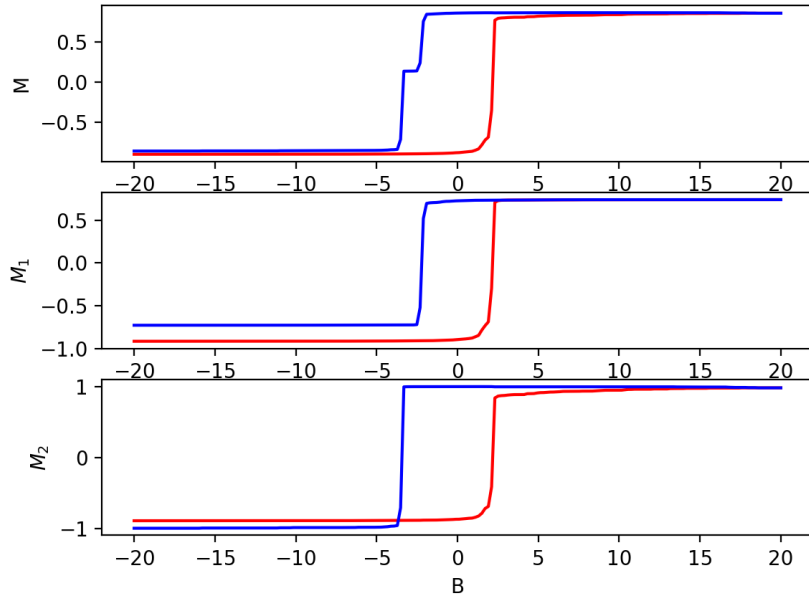


Figure 3: Magnetization vs external B field strength for 10×10 lattice at temperature $T = .001$. B ranges from -20 to 20 in $.2$ intervals. $k_1 = k_2 = 1$.

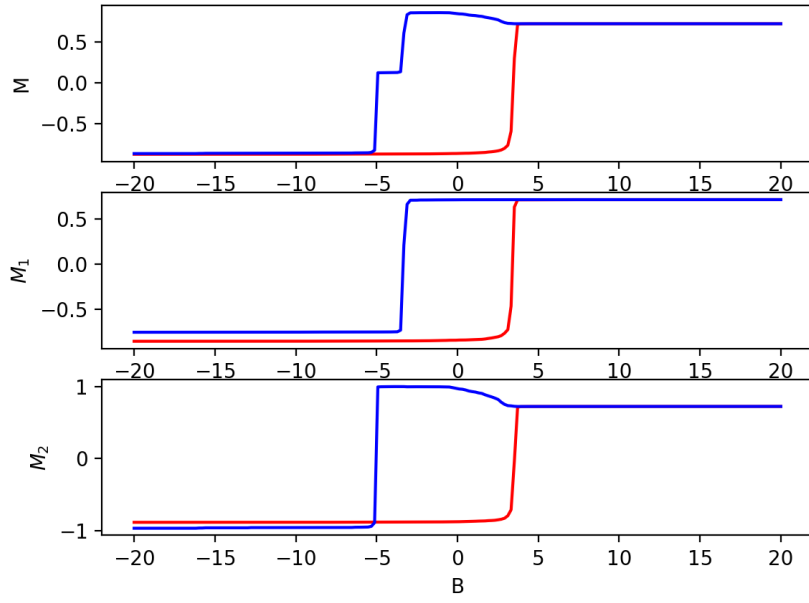


Figure 4: Magnetization vs external B field strength for 10×10 lattice at temperature $T = .001$. B ranges from -20 to 20 in $.2$ intervals. $k_1 = k_2 = 2$.