Magnetization vs external field in [0.8 0. 0.]-direction for Checkerboard of size=[4 4 4] 1.0 -0.8 0.6 magnetization 0.4 0.2 0.0 0.2 0.3 0.5 0.1 0.4 0.6 0.7 0.0 8.0 external magnetic field