4 spins 2D glassy PEPS BP update (J = N(1,0)) Quantum Ising Model with a transverse field and maximal bond dimension d = 10200 **gPEPS** Exact 175 -2.5150 -3.0**Energy per site** 125 -3.5100 -4.0 -**-**4.5 -50 -5.025 0

h