$\label{eq:code2d} \begin{array}{l} \mbox{ToricCode2d h=}(0.4,\,0.0,\,0.0); \ size=[3\,\,3], \mbox{ToricCRBM, alpha=}1,\,\#p=153, \mbox{ Ir from } 0.01 \mbox{ to } 0.001 \\ n\_discard=24,\,n\_chains=256,\,n\_samples=16384 \\ pre\_init=False,\,stddev=0.01,\,trans\_dev=0,\,swipe=independent \end{array}$ 

 $E0 = -19.23761 + -0.0 \text{ using SR with diag_shift} = 0.0001 \text{ down to 1e-05, max_prob} = (0.2826276538509143+0j)$ 

