$\label{eq:code2d} \begin{tabular}{ll} ToricCode2d h=(0.9,\,0.0,\,0.0): size=[3\,\,3], ToricCRBM_2, alpha=1,\,\#p=157, lr\ from\ 0.01\ to\ 0.001\\ n_discard=24,\,n_chains=256,\,n_samples=16384\\ pre_init=False,\,stddev=0.01,\,trans_dev=0,\,swipe=independent \end{tabular}$

 $E0 = -26.45904 + -0.0 \text{ using SR with diag_shift} = 0.0001 \text{ down to } 1e-05, \text{max_prob} = (4.22331648728401e-05+0j)$

