$\label{eq:code2d} \begin{tabular}{ll} ToricCode2d h=(0.0,\,0.8,\,0.0): size=[3\,\,3], ToricCRBM_2, alpha=1,\,\#p=157, lr\ from\ 0.01\ to\ 0.001\\ n_discard=24,\,n_chains=256,\,n_samples=16384\\ pre_init=False,\,stddev=0.01,\,trans_dev=0,\,swipe=independent \end{tabular}$

 $E0 = -19.3215 + -0.0 \text{ using SR with diag_shift} = 0.0001 \text{ down to } 1e-05, \text{max_prob} = (0.0008775495081464567+0j)$

