$\label{eq:code2d} \begin{tabular}{ll} ToricCode2d h=(0.45,\,0.0,\,0.45): size=[3\,\,3], ToricCRBM, alpha=1,\,\#p=153, Ir\,from\,\,0.01\,\,to\,\,0.001\\ n\_discard=48,\,n\_chains=512,\,n\_samples=10240\\ pre\_init=False,\,stddev=0.01,\,trans\_dev=0,\,swipe=left\_right \end{tabular}$ 

 $E0 = -20.81596 + -0.0 \text{ using SR with diag_shift} = 0.0001 \text{ down to 1e-05, max_prob} = (0.1614909009945632+0j)$ 

