$\label{eq:code2d} \begin{array}{l} \mbox{ToricCode2d h=}(0.0,\,0.0,\,0.4); \ \mbox{size=}[3\,\,3], \mbox{ToricCRBM, alpha=}1,\,\#p=153, \mbox{lr from }0.01\ \mbox{to }0.001\\ \mbox{n_discard=}24,\,\mbox{n_chains=}256,\,\mbox{n_samples=}16384\\ \mbox{pre_init=}False,\,\mbox{stddev=}0.01,\,\mbox{trans_dev=}0,\,\mbox{swipe=}right_left \end{array}$

 $E0 = -19.23859 + -0.0 \text{ using SR with diag_shift} = 0.0001 \text{ down to 1e-05, max_prob} = (0.28328217118597626 + 0.0)$

