Circle attractor $\beta = 20$

1) $\mathcal{L}$ = Equality loss on current ensemble + integral loss (regularization)

Doesn't work. Melts into oblivion.

2) $\mathcal{L}$ = Equality loss on current ensemble

Doesn't work. Melts into oblivion

3) $\mathcal{L}$ = Equality loss on current ensemble + symmetry loss + λ integral loss

Beautiful solution but doesn't stabilize!

4) $\mathcal{L}$ = Equality loss on current ensemble + $\frac{0.001}{N} \sum_{x_i \in e_i} p(x_i)$ + λ integral loss

Not perfect solution but does stabilize.

5) $\mathcal{L}$ = Equality on domain pts + λ integral loss

Amazing. First appearance of unforced symmetry.

6) $\mathcal{L}$ = Equality loss + sample integral loss

integral loss = $\left(\frac{1}{N}\sum_{x \in e_{i-1}} \frac{nn_i(x)}{nn_{i-1}(x)} - 1\right)^2$

sample integral loss = $\left(\frac{1}{N}\sum_{x \in e_i} \frac{nn_{i-1}(x)}{nn_i(x)} - 1\right)^2$

Doesn't work.