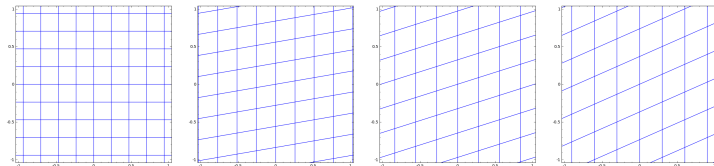


One Layer $\tanh(Wx + b)$, $2D \rightarrow 2D$

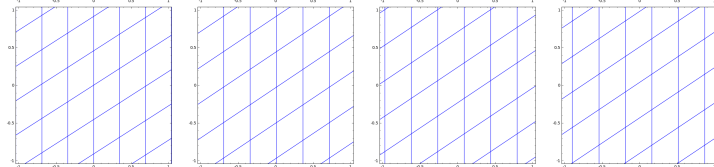
Skew:

W



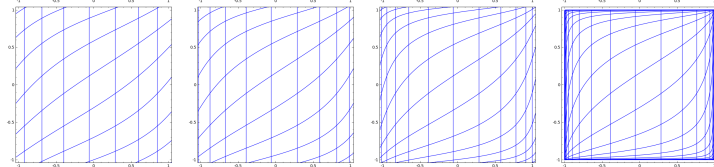
Transpose:

b



Non-lin.:

\tanh



Animation by <http://colah.github.io/posts/2014-03-NN-Manifolds-Topology/>