AEANN Architecture - Autoencoder Independent Input Development Specification - 29 August 2022 [DRAFT]

greedy autoencoder generated neural network
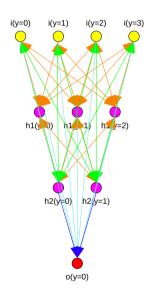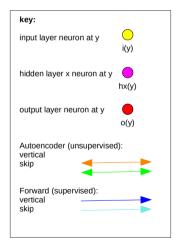

independent input

input layer

hidden layer 1

hidden layer 2

output layer

train/predict hidden layer:
unsupervised autoencoder

train/predict output layer:
supervised backprop/hebbian

key:

input layer neuron at y
i(y)

hidden layer x neuron at y
hx(y)

output layer neuron at y
o(y)

Autoencoder (unsupervised):
vertical
skip

Forward (supervised):
vertical
skip

Author: Richard Bruce Baxter - © 2022 Baxter AI (baxterai.com)