# 2022\_exam

Neural networks

The following neural network in Figure 1 has 3 units. The neural network operates as a regular neural network. Each unit takes a linear combination of the units of the previous layer, adds a bias term, and then applies an activation function g to obtain the activated units (i.e.,). Additionally, this network uses the standard error function E = 1 2 (y − t) 2 , with t the target value and y = a 3 , the output of the neural network.