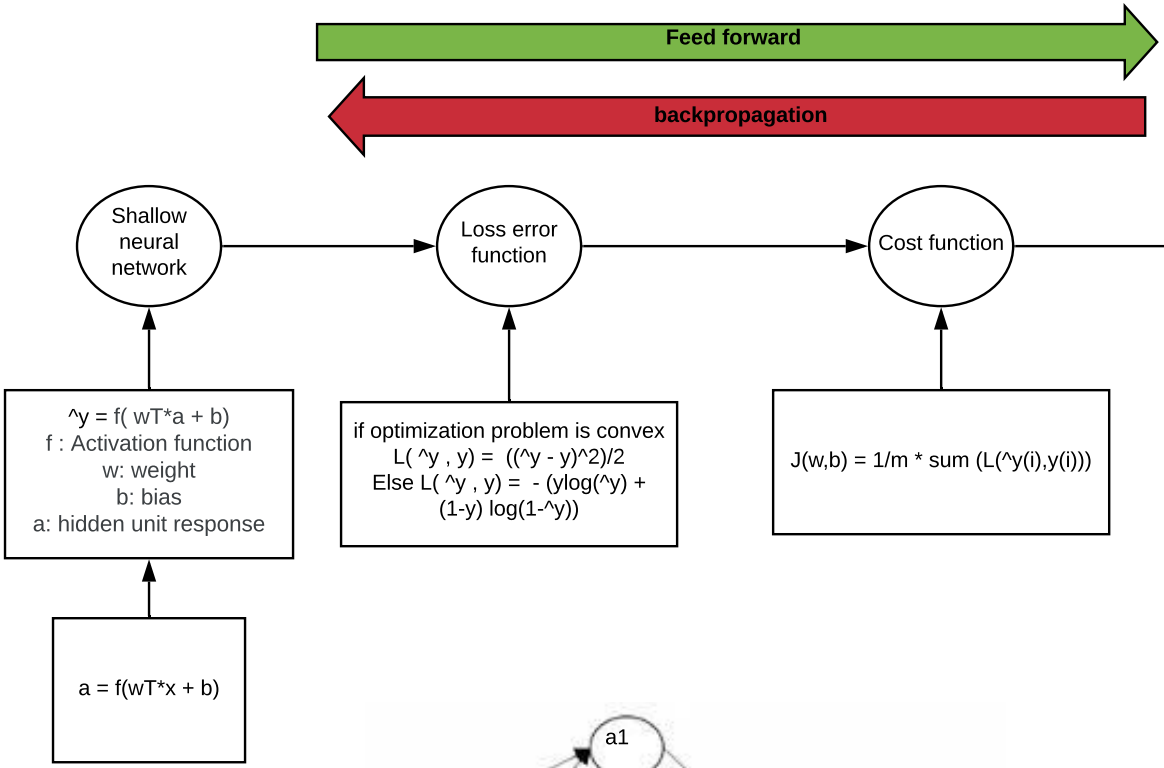
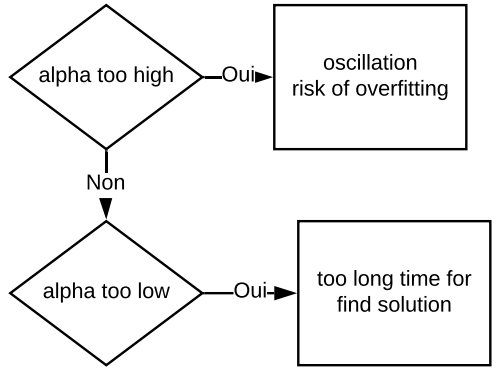
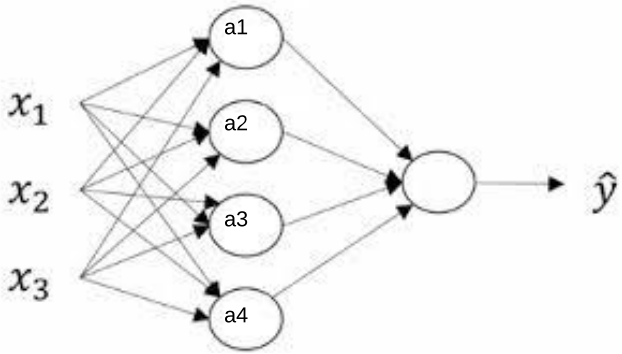
Shallow neural network

(i) for # of sample
[i] for # of layer
{i} # of mini-batch







Shallow Neural Network with 4 hidden units

Vectorization across multiple examples (m examples)

- x E (3,m);
- z[1] E (4,m);
- a E (4,m);
- w[1] E (3,4);
-b[1] E (4,m);
- w[2] E (4,1);
-b[2] E (1,m);