

Biological inspiration
How neurons in the brain might work

Learning function is not differentiable, Exaggeration of the potential of NN Promises went unfilled AI WINTER 1874-1980

1980-1987: Expert System 1987-1993

1989, Yann LeCun et al.
AT&T Bell Labs:
significant real-world
application of backpropagation
in ""Backpropagation Applied to
Handwritten Zip Code
Recognition"

2001, Hinton: Autoencoders, Minimum Description Length, and Helmholts Free Energy

§ Who inventied Back-Propagation? Debating in
<a href="http://www.andreykurenkov.com/writing/ai/a-brief-history-of-neural-nets-and-deep-learning/">http://www.andreykurenkov.com/writing/ai/a-brief-history-of-neural-nets-and-deep-learning/</a>