

Backpropagation

Backpropagation is a [method](#) used in [artificial neural networks](#) to calculate a [gradient](#) that is needed in the [calculation](#) of the [weights](#) to be used in the [network](#).

Backpropagation is shorthand for “the backward propagation of errors,” since an [error](#) is computed at the output and distributed backwards throughout the network’s layers.

It is commonly used to train deep [neural networks](#), a term referring to neural networks with more than one [hidden layer](#).

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