Laser  
   
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A laser is a device that emits light through a process of optical amplification based on the stimulated  
emission of electromagnetic radiation. The word laser originated as an acronym for light amplification  
by stimulated emission of radiation. The first laser was built in 1960 by Theodore Maiman at Hughes  
Research Laboratories, based on theoretical work by Charles H. Townes and Arthur Leonard  
Schawlow and the optical amplifier patented by Gordon Gould. A laser differs from other so

## Wikipedia Excerpt: Deep learning

In machine learning, deep learning focuses on utilizing multilayered neural networks to perform tasks such as classification, regression, and representation learning. The field takes inspiration from biological neuroscience and is centered around stacking artificial neurons into layers and "training" them to process data. The adjective "deep" refers to the use of multiple layers (ranging from three to several hundred or thousands) in the network. Methods used can be supervised, semi-supervised or unsupervised.  
Some common deep learning network architectures include fully connected networks, deep belief networks, recurrent neural networks, convolutional neural networks, generative adversarial networks, transformers, and neural radiance fields. These architectures have been applied to fields including computer vision, speech recognition, natural language processing, machine translation, bioinformatics, drug design, medical image analysis, climate science, material inspection and board ga