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: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.