Thomas Jefferson  
   
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Thomas Jefferson (April 13 [O.S. April 2], 1743 – July 4, 1826) was an American Founding Father and  
the third president of the United States from 1801 to 1809. He was the primary author of the  
Declaration of Independence. Jefferson was the nation's first U.S. secretary of state under George  
Washington and then the nation's second vice president under John Adams. Jefferson was a leading  
proponent of democracy, republicanism, and natural rights, and he produced

## 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.