Nutrition  
   
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Nutrition is the biochemical and physiological process by which an organism uses food and water to  
support its life. The intake of these substances provides organisms with nutrients (divided into macro-  
and micro-) which can be metabolized to create energy and chemical structures; too much or too little  
of an essential nutrient can cause malnutrition. Nutritional science, the study of nutrition as a hard  
science, typically emphasizes human nutrition. The type of organism de

## 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.