Chemistry  
   
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Chemistry is the scientific study of the properties and behavior of matter. It is a physical science within  
the natural sciences that studies the chemical elements that make up matter and compounds made of  
atoms, molecules and ions: their composition, structure, properties, behavior and the changes they  
undergo during reactions with other substances. Chemistry also addresses the nature of chemical  
bonds in chemical compounds. In the scope of its subject, chemistry occupies

## 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.