Abstract

Fruit categorizations in agriculture industry have upgraded from traditional grading to automatic grading over the past 25 years. To identify object residing in image, the image has to be described or represented by certain features. Shape is an important visual feature of an image. Shape extraction has attracted much attention lately. Many shape representation and description techniques are discuss in this review paper. Shape extraction techniques play an important role in systems for object recognition, matching, extracting, and analysis. It also
presents comparison between various techniques.

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**Index Terms**

Computer Science

Image Processing

**Keywords**

Shape Extraction  Object recognition  Shape  Object Extraction  shape representation