Abstract

There is a great significance of agriculture in India. Fruit grading can improve the revenue of fruits. In the automated fruit grading system the most important feature is its colour. So for any automated fruit grading system one should have the idea of colour space and segmentation needs to be performed. As colour feature extraction has a vital role in grading, here a review of various colour feature extraction techniques in detail is provided.
Colour Feature Extraction Techniques of Fruits: A Survey


- V. Leemans, H. Magein, and M. -F. Destain, "AE—Automation and Emerging


- Tajul Rosli Bin Razak, Mahmod Bin Othman (DR), Mohd Nazari Bin Abu Bakar (DR), Khairul Adilah BT Ahmad, and AB. Razak Bin Mansor, "Mango Grading By Using Fuzzy Image Analysis," in In proceedings of International Conference on Agricultural, Environment and Biological Sciences, Phuket, 2012.


Index Terms

Computer Science

Image Processing

Keywords

Colour spaces  Fruit grading  Image processing  Segmentation.