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Abstract

In this paper, effective automatic grading of apples is proposed. The apples RGB images is converted into HSV image and threshold based approach is used for segmentation of apples from the background. Average red and green color components of the apples are determined for classification of apples. With the help of support vector machines (SVMs), classification is done and found accuracy of 100%.

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Index Terms

Computer Science

Pattern Recognition

Keywords

Apple Grading Classification Pattern Recognition Support Vector Machines