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## Abstract

The proposed work deals with an approach to perform texture extraction of vegetables images for classification. The work has been carried out using watershed for segmentation. The vegetables textures features like red component, green component, skewness, kurtosis, variance, and energy are extracted. The method has been employed to normalize vegetable images and hence eliminating the effects of orientation using image resize technique with

proper scaling. Finally, Decision Tree classifier is applied to the above features which return the results of the classification.

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### Index Terms

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**Keywords**

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