

**Identifikasi Buah Pisang Dengan *Image Processing* Menggunakan Metode
*Backpropagation***

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ABSTRACT

The development of banana commodities aims to meet the need for fruit consumption along with the increasing population and increasing public awareness of the importance of nutrition where bananas are a source of vitamins, minerals and carbohydrates. But besides the number of production, there are still many banana processing done in less efficient. This can be seen from the selection of types of bananas to be processed is still done manually, judging by the color and size with the normal eyes. In this study will produce a system that is able to identify of bananas. The system to be built implements artificial neural networks for its modelers and uses feature extraction of mean rgb and standard deviation of rgb, perimeter, breadth, length, width, roundness, and slackness

Keywords : *Identification, Backpropagation*

