Analysis of Guava Quality by Image Processing

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Abstract

Brazil is an important fruit producer in the world. Despite the enormous production, fruit classification techniques do not follow the requirements of consumer protection institutions regarding food quality, since visual and manual classification techniques are still widely used. In this way, the development of machinery and grading systems has been increasingly exploited in order to meet the market's demands. The objective of the present study is to develop a system capable of identifying defects on the guava surface to determine its degree of quality.

References

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Index Terms

Computer Science

Image Processing
Keywords

Guava, Quality, Classification, System applied.