

Pomegranate Fruit Disease Detection Based on Machine Learning

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Abstract: *This project presents the recent development in automatic vision-based technology. Use of this technology is increasing in agriculture and fruit industry. An automatic fruit quality detection system for sorting and grading of fruits and defected fruit detection discussed here. The main aim of this system is to replace the manual inspection system. This helps in speed up the process improve accuracy and efficiency and reduce time. This system collect image from camera which is placed on conveyor belt. Then image processing is done to get required features of fruits such as color and size. Defected fruit is detected based on image pixels. Sorting is done based on color and size.*

Keywords: Image Recognition, CNN, Machine Learning, Neural Network

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