

Orange Detection Algorithm

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Abstract—This document is a model and instructions for \LaTeX . This and the `IEEEtran.cls` file define the components of your paper [title, text, heads, etc.]. ***CRITICAL: Do Not Use Symbols, Special Characters, Footnotes, or Math in Paper Title or Abstract.**

Index Terms—Image Processing, Fruit, Applied image colour segmentation, Automated counting

I. INTRODUCTION

Counting and identifying the number of ripe fruits is important to automate harvesting fruits when they are ripe and to identify how many ripe fruits there are on a tree.

II. EASE OF USE

A. Maintaining the Integrity of the Specifications

III. ALGORITHMS

A. Stages

- 1) Use either SI (MKS) or CGS as primary units. (SI units are encouraged.) English units may be used as secondary units (in parentheses). An exception would be the use of English units as identifiers in trade, such as “3.5-inch disk drive”.
- 2) Avoid combining SI and CGS units, such as current in amperes and magnetic field in oersteds. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity that you use in an equation.
- 3) Do not mix complete spellings and abbreviations of units: “Wb/m²” or “webers per square meter”, not “webers/m²”. Spell out units when they appear in text: “. . . a few henries”, not “. . . a few H”.
- 4) Use a zero before decimal points: “0.25”, not “.25”. Use “cm³”, not “cc”.)

B. Equations

TABLE I
TABLE TYPE STYLES

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	Table column subhead	Subhead	Subhead
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^aSample of a Table footnote.

REFERENCES

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Fig. 1. Example of a figure caption.