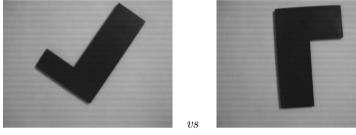
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Flat Rigid Part Recognition Overview

How to discriminate between and also estimate image positions?



Geometric Model-based Object Recognition

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Flat Rigid Part Recognition Introduction

Motivation - automated visual inspection

Manufacturing

- High speed product verification
- Largest use of computer vision systems worldwide
- Most western manufacturing has some visual quality control









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Overview

Flat Rigid Part Recognition

Robert B. Fisher School of Informatics University of Edinburgh

Geometric Model-based Rigid Object Recognition:

Geometric description

Model matching

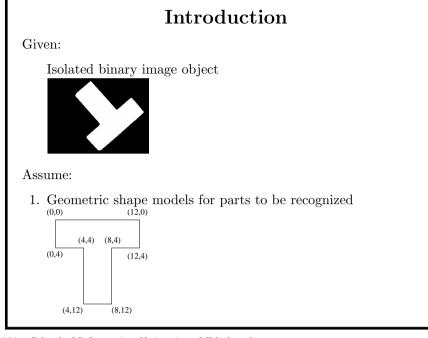
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Flat Rigid Part Recognition Introduction

Pose estimation

Match verification

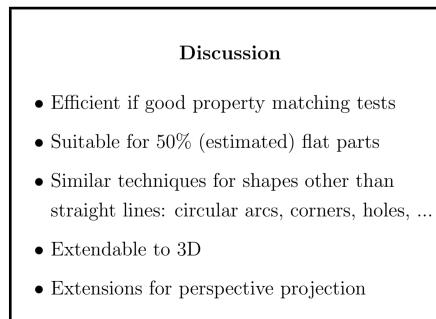
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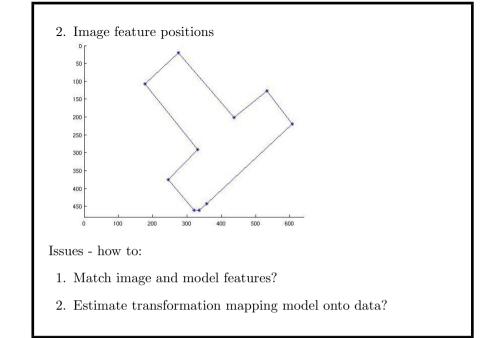


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