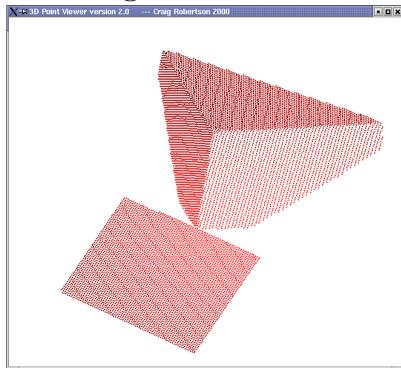
Range Data Recognition Introduction

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Range Data Recognition Introduction

Is there a Wedge in this 3D scene?



Data a set of 3D points!

System Overview

3D part recognition using range data

- 1. Range data from light stripe triangulation
- 2. Extraction of planes from range data via region growing
- 3. 3D geometric modeling
- 4. Model-data matching
- 5. 3D pose estimation
- 6. Verification

Extension of flat rigid part recognition system