## Verification Goal

Ensure that we have a good match between model and data

Ensure that we have a good pose estimation

Use geometric shape properties to eliminate bad matches & poses

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2D Shape Matching Verification

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2D Shape Matching Verification

Slide 3/8



Verifying 2D Shape Matching

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## 2D Shape Matching Verification

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Confusion Matrix				
	Est	Est	Est	No
	Tee	Thin L	Thick L	Est
True Tee	4	0	0	0
True Thin L	0	3	0	1
True Thick L	0	0	4	0
Image 8 had Thin L model flipped over. Matching process can be ? to allow this.				



2D Shape Matching Verification Slide 3/8
What Have We Learned?
Introduction to

Geometric Model-based Object Recognition
2D Geometric ? Algorithm
Similar techniques for shapes other than straight lines: circular arcs, corners, holes, ...
Extendable to 3D

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