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- Home University: Technical University Berlin
- Host University: Hokkaido University, Sapporo
- Research Topic:
Robust Object Tracking based on Orientation Coding
- Period of stay: September 2005 – February 2006



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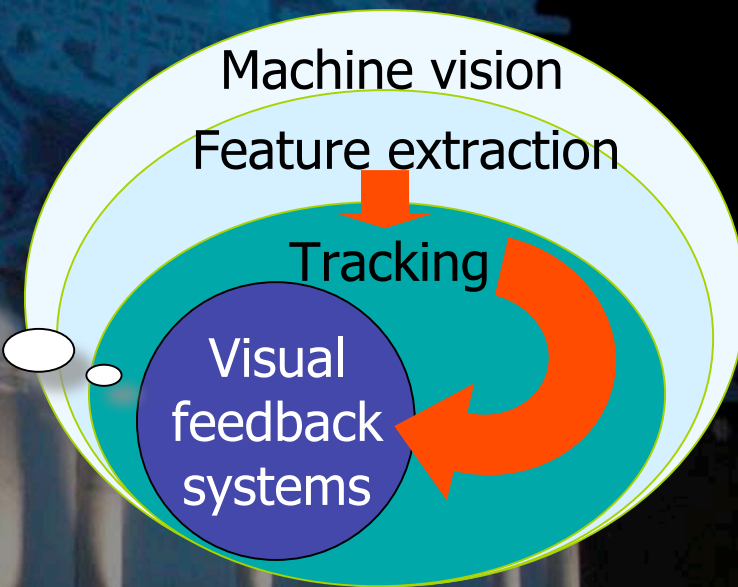
Research

- implementation of a **tracking method** being robust against illumination change and deformation of objects
- for defining good features to track, a **feature extraction method** which doesn't based on edges and gradations but texture richness is used

Demands

1. Robustness
2. High accuracy
3. High speed

The approach gives **top priority** to meet the needs of the **robustness** for visual feedback systems.



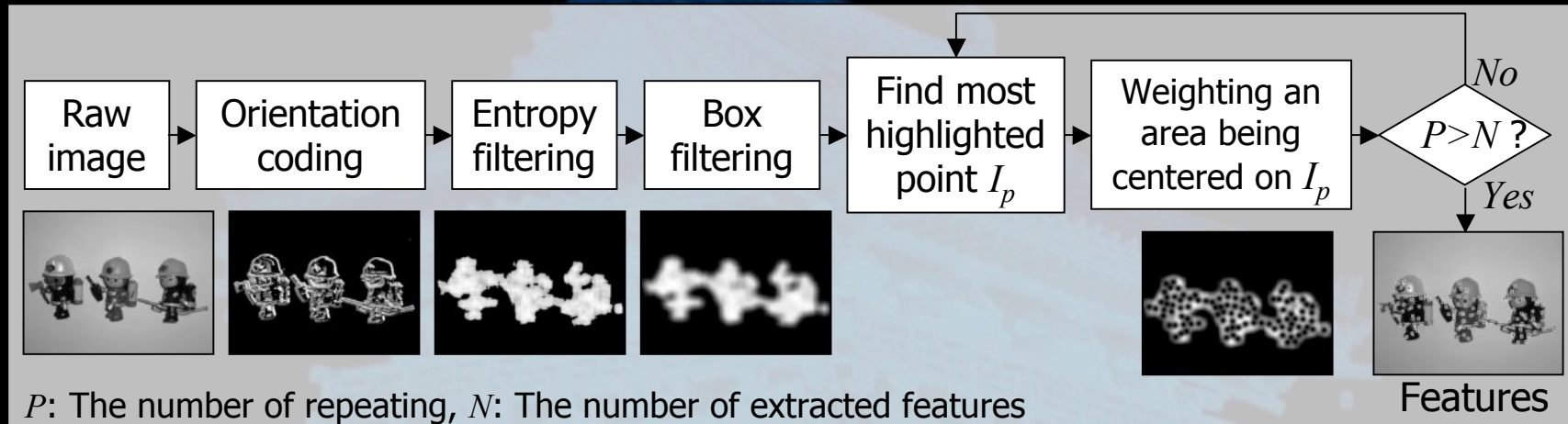
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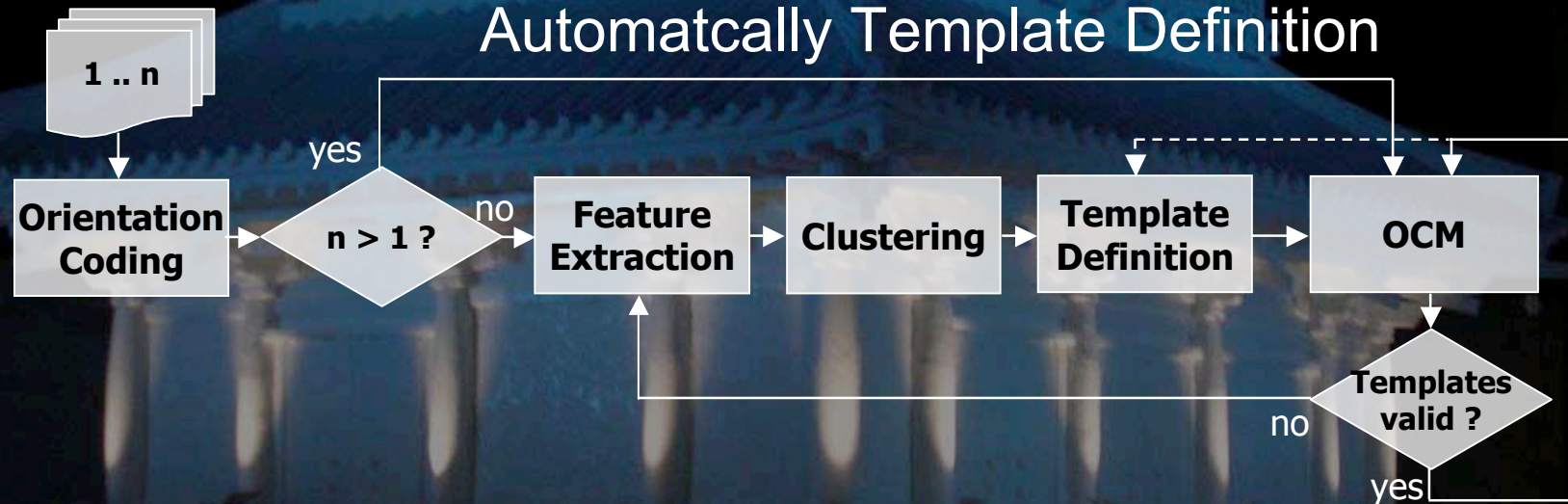


Research

Feature Extraction Method



Automatically Template Definition



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Exchange Student Life



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