

Performance Evaluation of Symbol Recognition and Spotting Systems: An Overview

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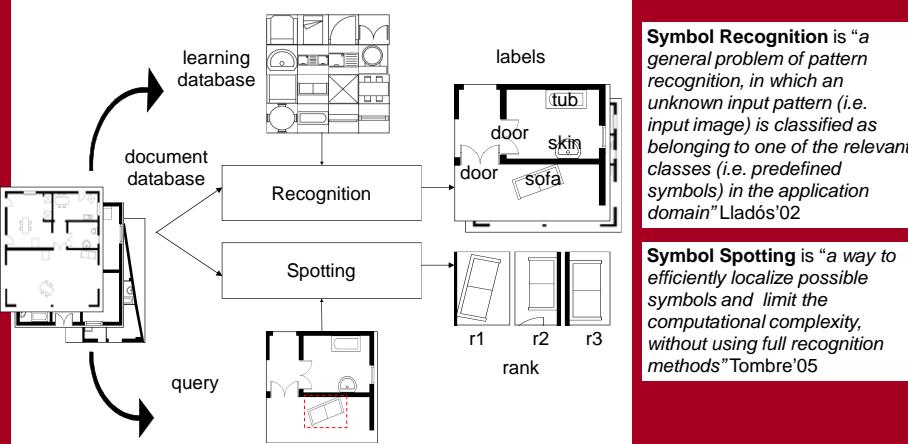
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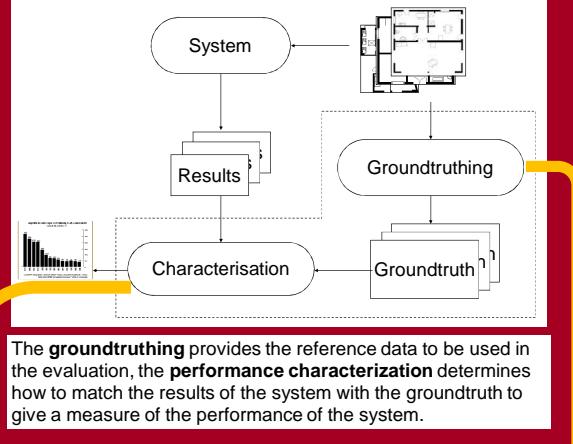
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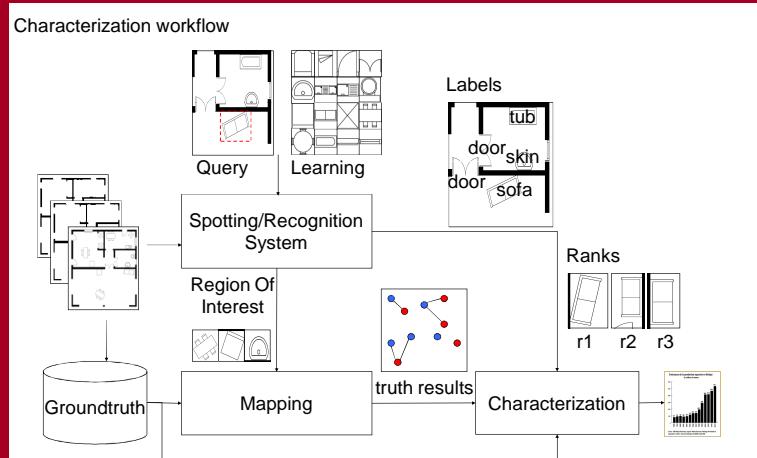
SYMBOL RECOGNITION & SPOTTING



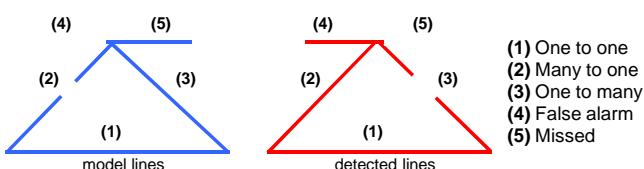
PERFORMANCE EVALUATION



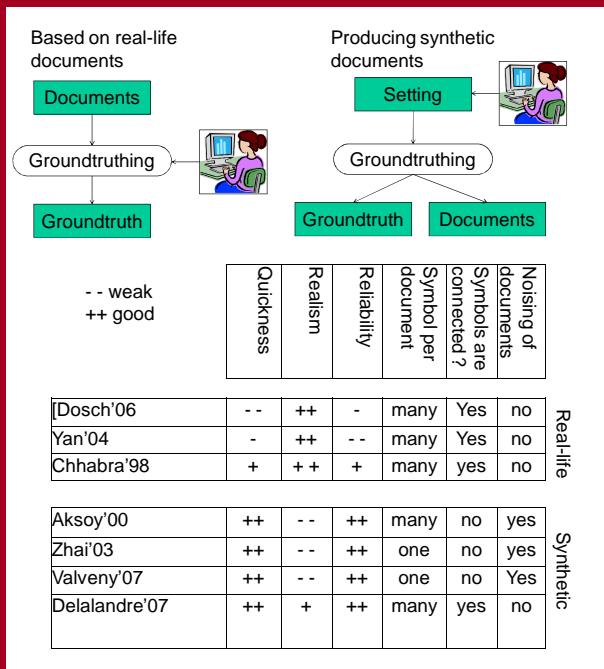
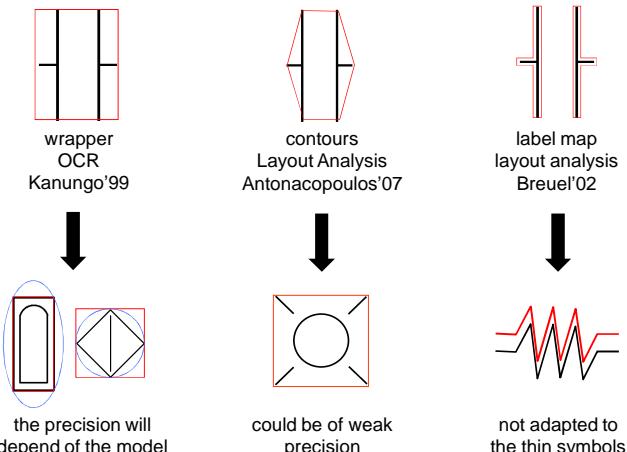
PERFORMANCE CHARACTERISATION



Mapping cases defined by Philips'93



Groundtruth definition for the mapping



Open problems:

- ✓ How to define a mapping method taking into account the specificity of models ?
- ✓ How to make fast enough the mapping to evaluate the recognition methods on large amount of data ?

Open problems:

- ✓ How to make more faster and reliable the groundtruthing process from real-life documents ?
- ✓ How to make more realistic and heterogeneous the synthetic documents ?
- ✓ How to produce training databases (query, learning samples) from the groundtruth to address the characterization step?