



Introduction

- ▶ Most face recognition approaches are sensitive to registration errors
 - ▶ rely on a very good initial alignment and illumination
- ▶ We propose/analyze:
 - ▶ grid-based and dense extraction of local features
 - ▶ block-based matching accounting for different viewpoints and registration errors

Introduction

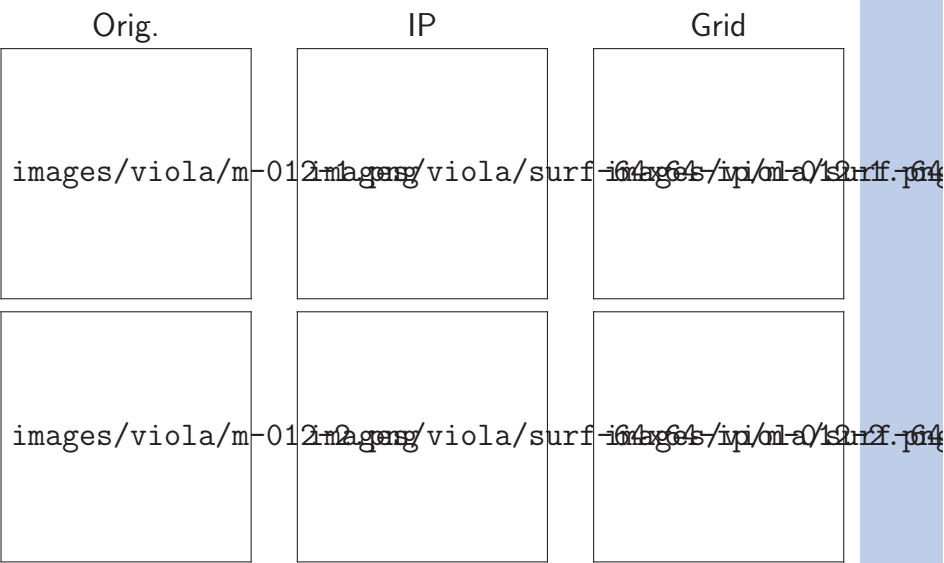
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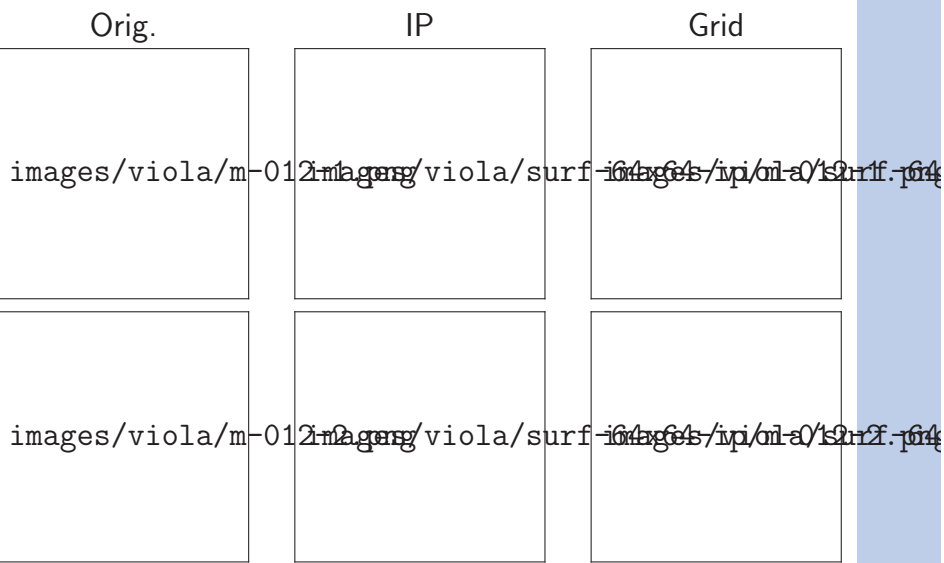
Feature Extraction

- ▶ Interest point based feature extraction
 - ▶ SIFT or SURF interest point detector
 - ▶ leads to a **very sparse** description
- ▶ Grid-based feature extraction
 - ▶ overlaid regular grid
 - ▶ leads to a **dense** description



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