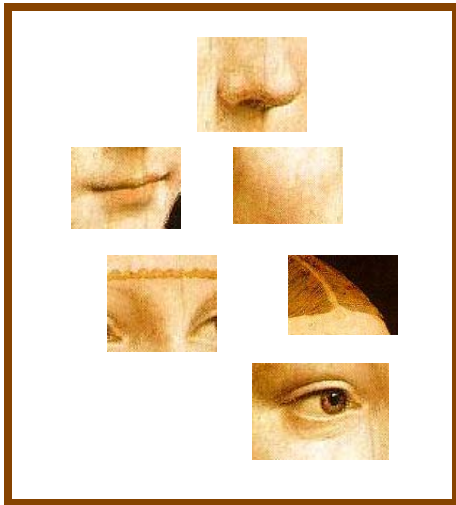


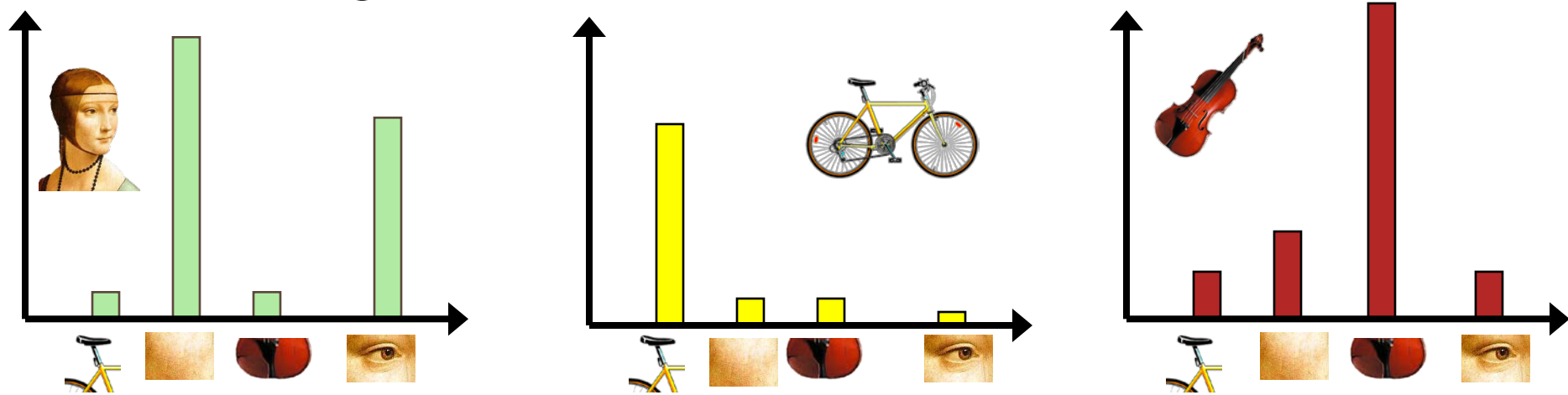
A clarification: definition of “BoW”

- Looser definition
 - Independent features

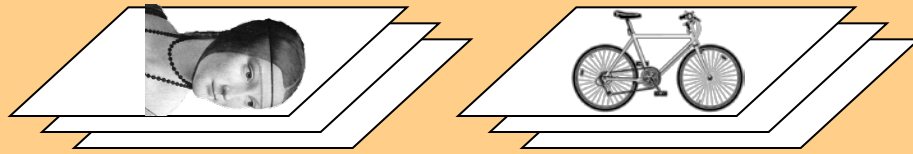


A clarification: definition of “BoW”

- Looser definition
 - Independent features
- Stricter definition
 - Independent features
 - histogram representation



learning



feature detection
& representation

codewords dictionary

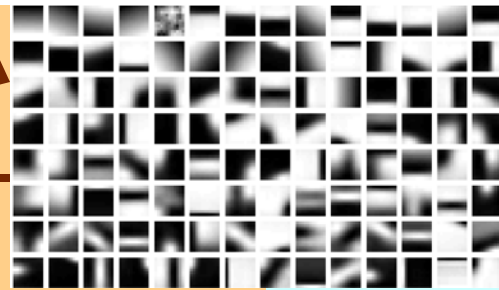
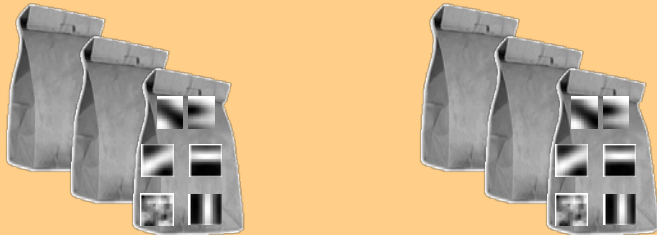


image representation

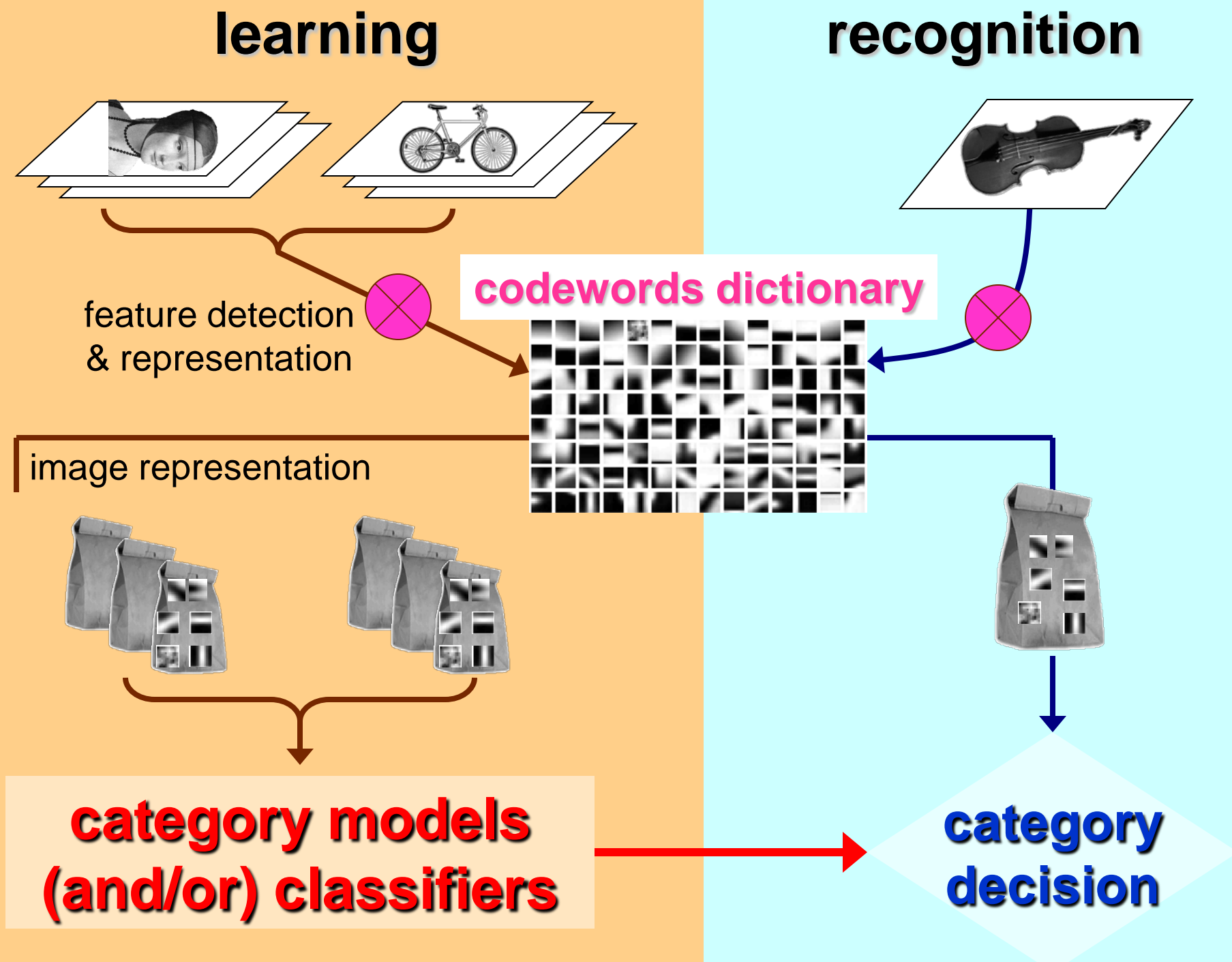


**category models
(and/or) classifiers**

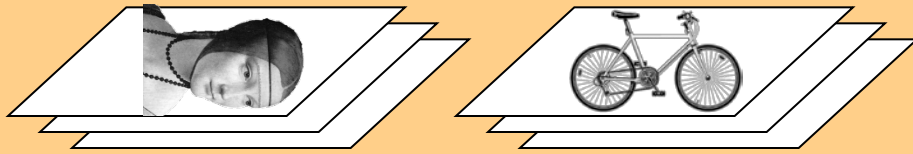
recognition



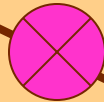
**category
decision**



Representation



1. feature detection & representation



2. codewords dictionary

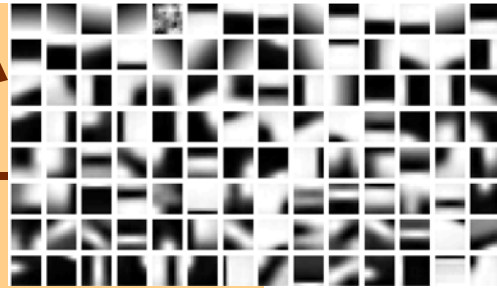
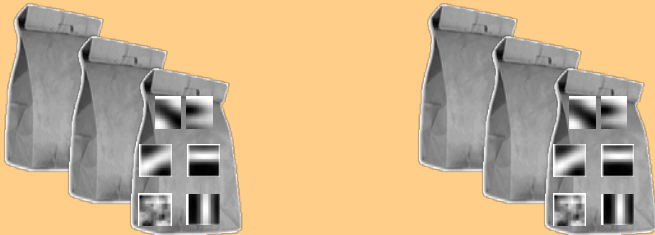
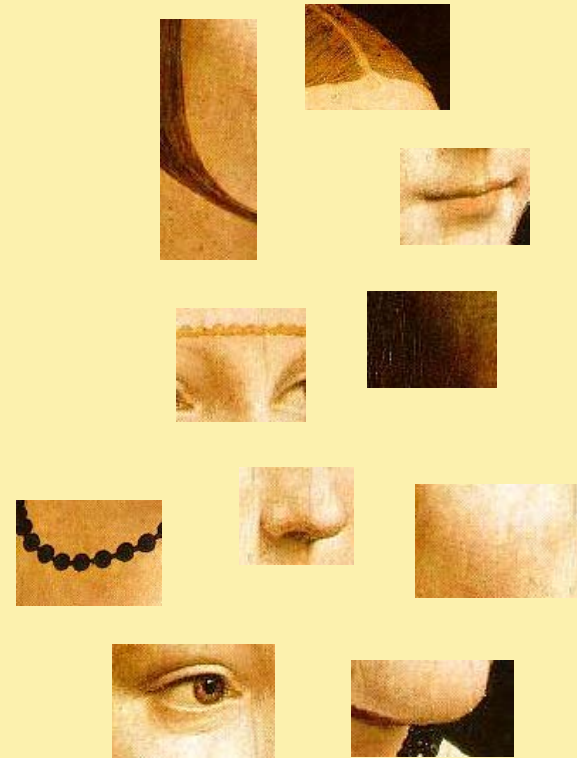


image representation

3.



1. Feature detection and representation



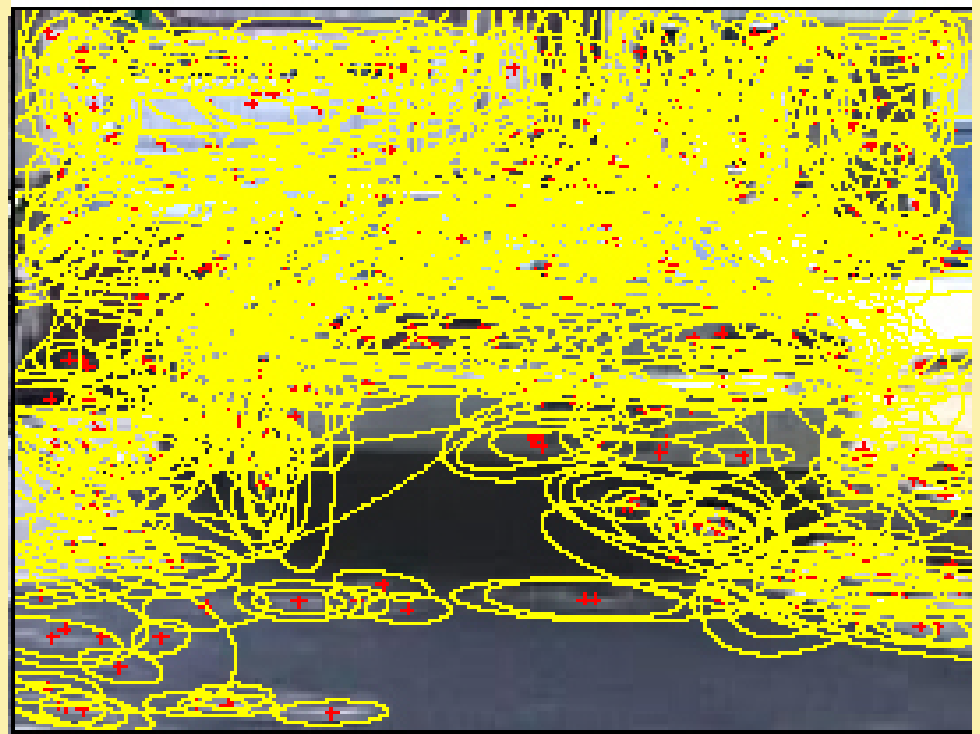
1. Feature detection and representation

- Regular grid
 - Vogel & Schiele, 2003
 - Fei-Fei & Perona, 2005



1. Feature detection and representation

- Regular grid
 - Vogel & Schiele, 2003
 - Fei-Fei & Perona, 2005
- Interest point detector
 - Csurka, et al. 2004
 - Fei-Fei & Perona, 2005
 - Sivic, et al. 2005



以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/766033130243010144>