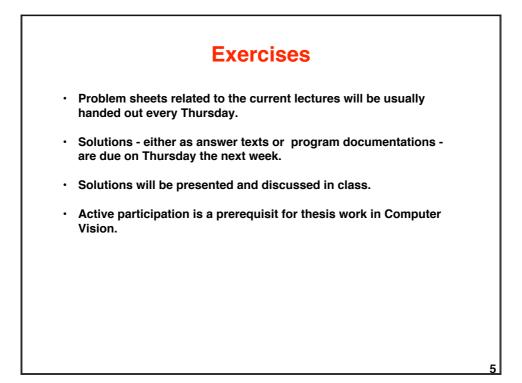
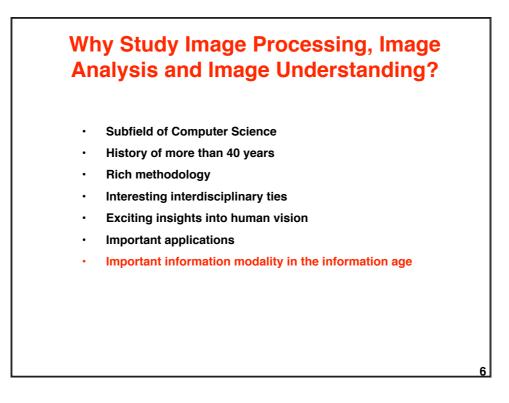
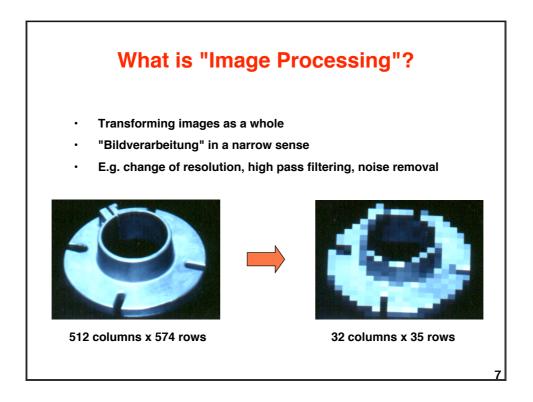


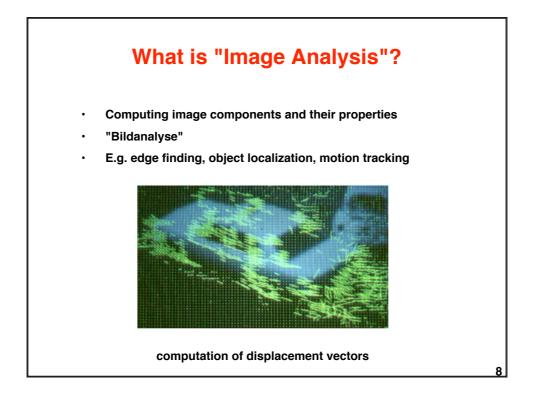
Literature		
	Computer Vision - A Modern Approach D.A. Forsyth, J. Ponce, Prentice-Hall 2003	
	Digital Image Processing R.C. Gonzalez, R.E. Woods, Prentice-Hall 2001	
	Image Processing, Analysis and Machine Vision M. Sonka, V. Hlavac, R. Boyle, Chapman & Hall 1993	
	Digitale Bildverarbeitung B. Jahne, Springer 1997	
	Computer Vision R. Klette, A. Koschan, K. Schluns, Vieweg 1996	
	Computer and Robot Vision, Vol. I+II R. Haralick, L.G. Shapiro, Addison-Wesley 1993	
	Robot Vision B.K.P. Horn, MIT Press 1986	
	Computer Vision D.H. Ballard, C.M. Brown , Prentice-Hall 1982	
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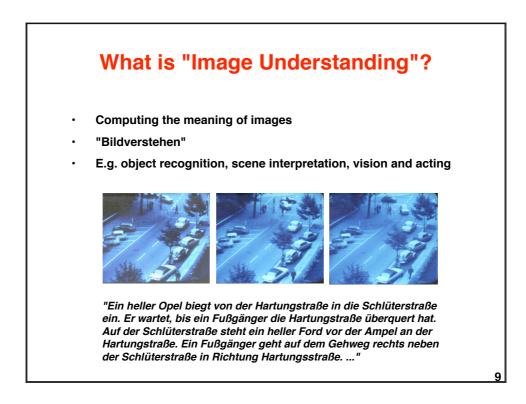


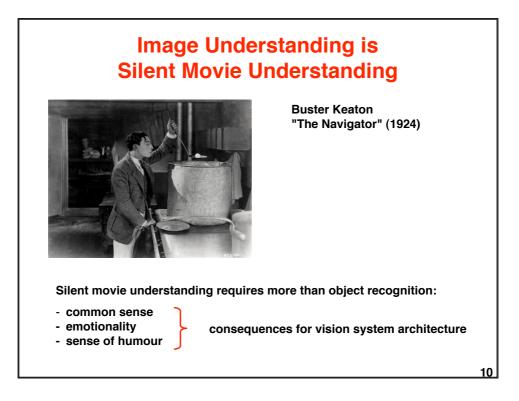


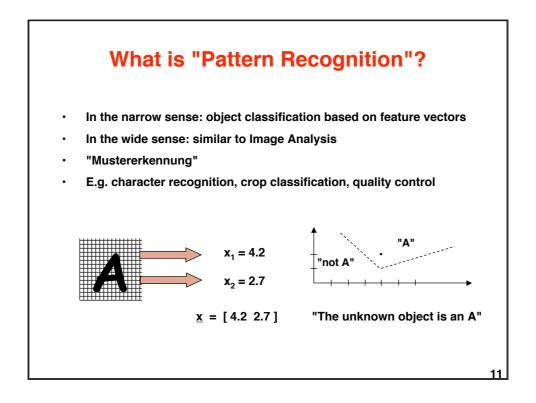


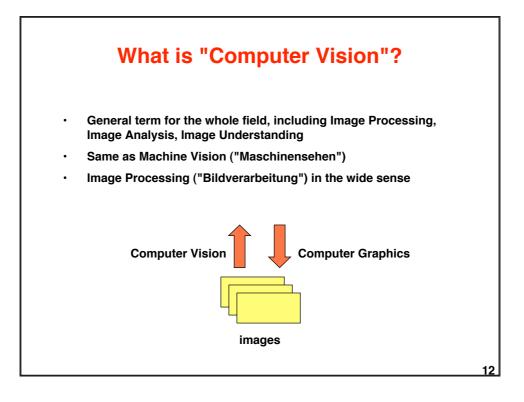


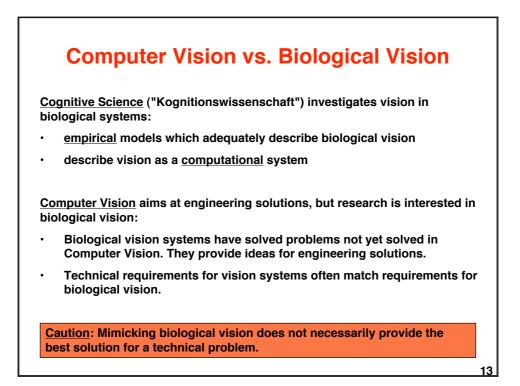


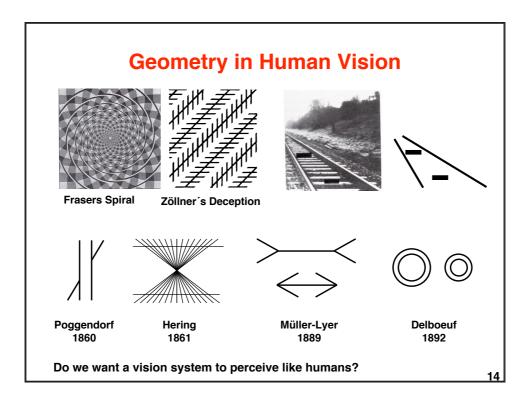


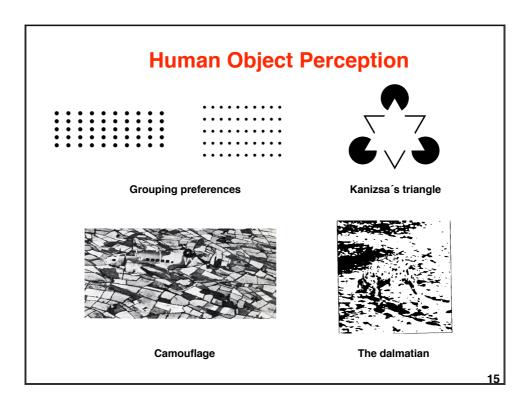


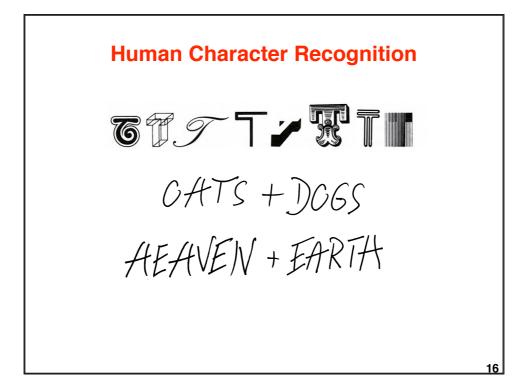


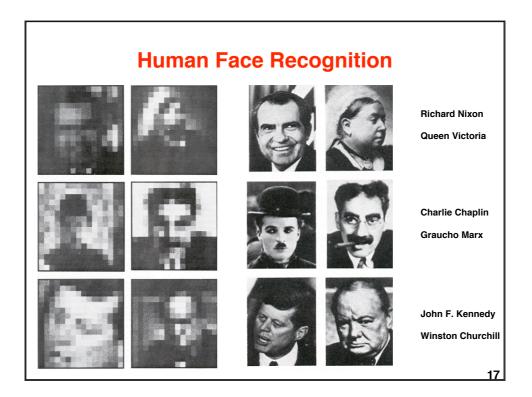


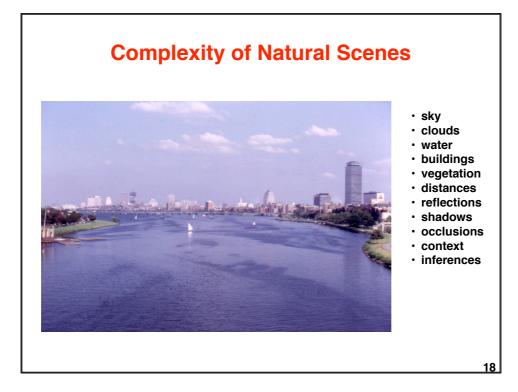


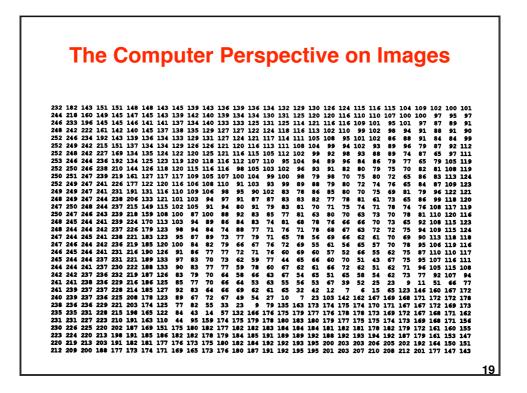


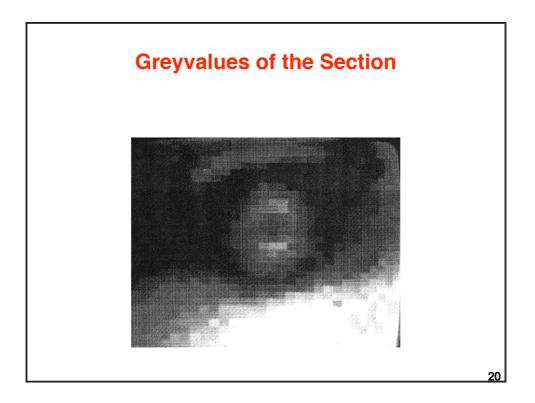


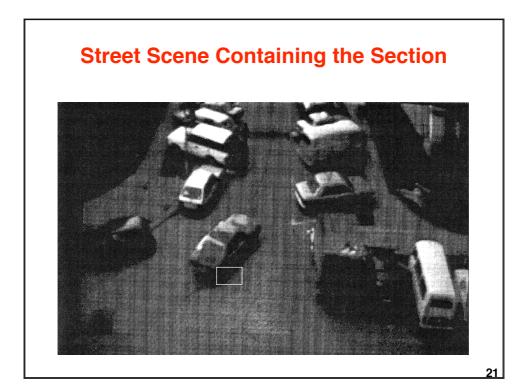


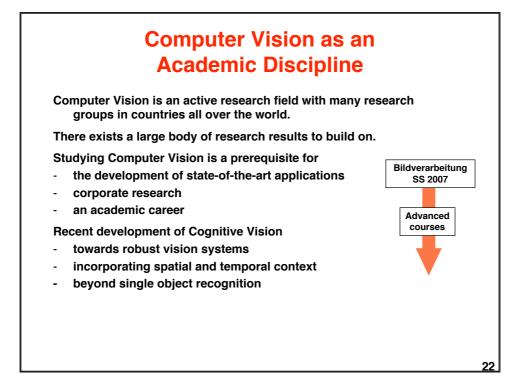








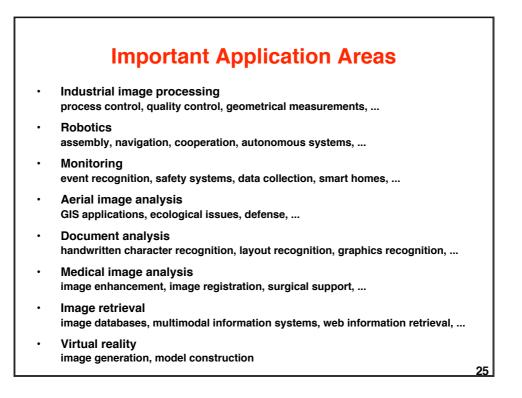


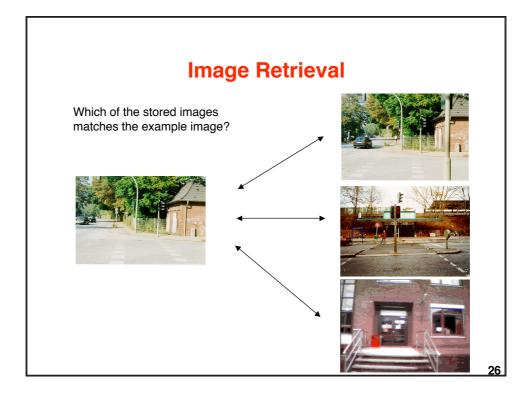


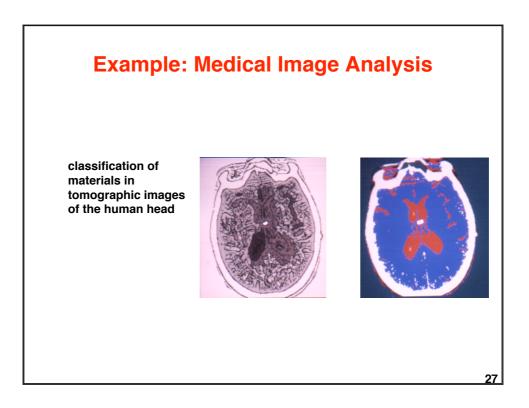
Important Conferences

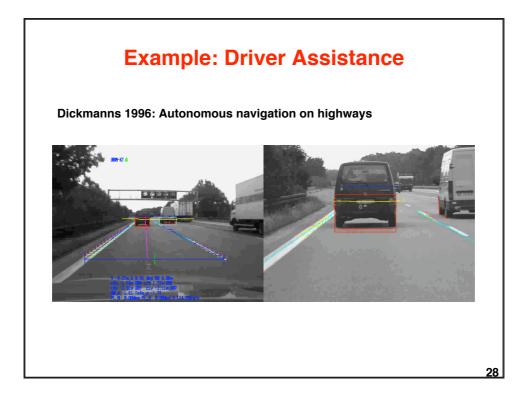
ICCV	International Conference on Computer Vision
ECCV	European Conference on Computer Vision
ICPR	International Conference on Pattern Recognition
CVPR	Conference on Computer Vision and Pattern recognition
ICIP	International Conference on Image Processing
DAGM	Symposium der Deutschen Arbeitsgemeinschaft für Mustererkennung
special	here are many regular conferences and workshops ized on subtopics of Computer Vision, e.g. document s, aerial image analysis, robot vision, medical imagery

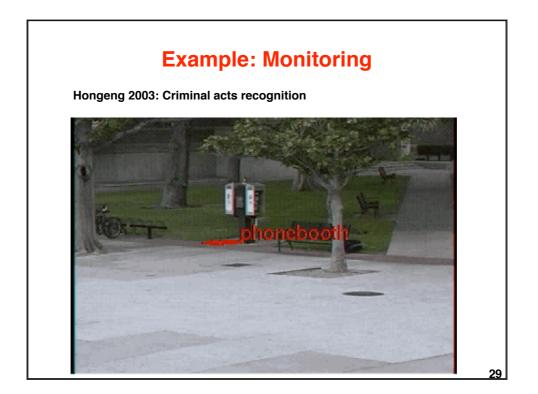
	Important Journals
IEEE-PAMI	IEEE Transactions on Pattern Analysis and Machine Intelligence
IVC	Image and Vision Computing
IJCV	International Journal of Computer Vision
CVGIP	Computer Vision, Graphics and Image Processing
	24

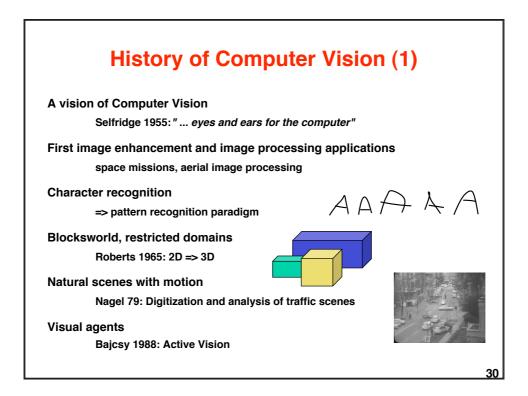












History of Computer Vision (2)

Visual driver assistance Dickmanns 1996: Autonomous navigation on highways

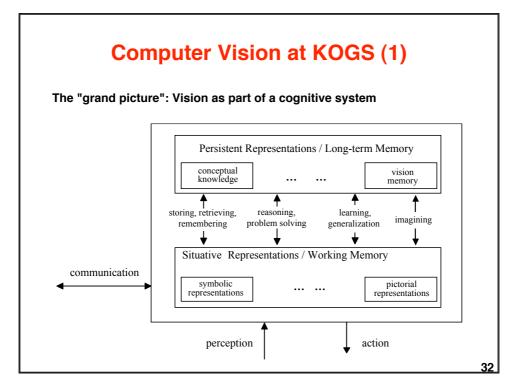
Recognizing faces Bülthoff 2002: Modelling faces for recognition

Motion tracking and event recognition Hongeng 2003: Criminal act recognition



TEAL BY PHONE

3



Computer Vision at KOGS (2)

Making low-level processes more reliable

- Topology-preserving sampling methods
- Segmentation with subpixel accuracy
- Structural image analysis



Interfacing low-level image analysis and high-level interpretation

- Mapping image features to object categories
- Matching scene hypotheses with evidence
- Connecting quantitative with symbolic descriptions

Knowledge representation for scene interpretation

- Combining logic-based and probabilistic models
- Learning spatial structures

