CS 332 Visual Processing in Computer and Biological Vision Systems

Overview of Topics



CS332 Visual ProcessingDepartment of Computer Science
Wellesley College

1

... in the human visual system ... in the human visual system ... in computer vision systems ... & other primates

2





iCub robot
Italian Institute of Technology

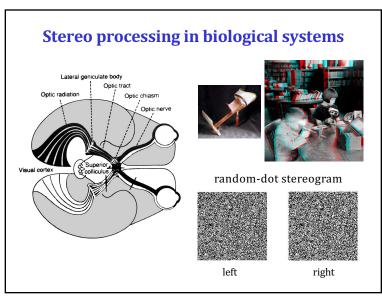
Binocular stereo

left/right stereo images superimposed



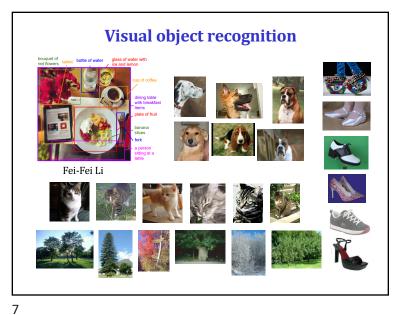
3

1



Analysis of visual motion 6

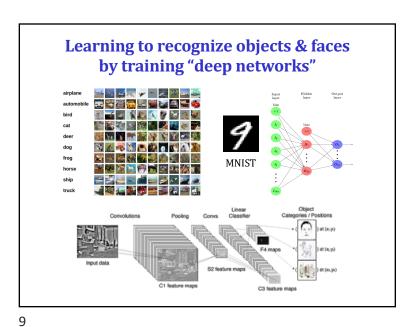
5



Face recognition Google facebook.

8

2





Applications of computer vision systems

biometrics & forensics

Automated Fingerprint social media

social media

vehicles & robots

video surveillance control

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