

CS332 Visual Processing in Computer and Biological Vision Systems

Exam 1 Coverage

The first exam will be held in class on Thursday, October 13. It will be an open book exam – you can refer to any of your handouts, notes, assignments and solutions during the exam. The exam will focus on edge detection and stereo vision. The following material will be most useful for preparing for the exam:

Handout entitled, “Notes on Edge Detection in Computer Vision Systems”

Palmer, S. E. (1999) *Vision Science: Photons to Phenomenology*, Cambridge: The MIT Press.
Excerpt on stereo vision on pages 206-220

Assignments 1-4 and their solutions (I will hand back your corrected Assignment 4 and the formal solutions next Wednesday the 12th)

Lecture handouts and your lecture notes related to edge detection and stereo vision

You do not need to remember particular facts about the human visual system, but I may include a problem in which I describe an aspect of human perception and ask you to relate this observation to the behavior of computational models that we discussed.

*** There will be no MATLAB material on this exam ***