Human Visual System

Introduction to Computer Vision
CSE 190-B
Lecture 2

• Nearly all of this lecture was presented using overheads, not powerpoint.

Trilobite Visual System

• Most ancient known visual system.
• Compound eye with single crystal for each lens.

Electron Micrograph of Holochroal eye

Good trilobite eye info at: http://www.aloha.net/~smgon/eyes.htm

Scallop eyes

• Hundreds of primitives eyes, mirror in back
• Changes in light and motion and very rough images are registered on the retinas of the mollusc.
• Nice material at: http://oma.npa.uiuc.edu/courses/bio303/Ch11b.html