

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 primitive 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://soma.npa.uiuc.edu/courses/bio303/Ch11b.html>

