

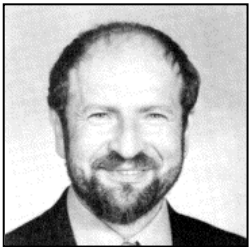


David Hubel discovered “feature detectors.” And mapped the action of receptor cells. see pages 209-210 in text

There are 125 million rods and cones in the retina.

You start with the retina. Output is the optic nerve that ends up in a certain region in the brain that sends it to several regions and each one connected to other areas.

7. T or F. The primary visual cortex---seven stages beyond the receptors in the retina---responds to visual stimuli. Visual stimuli can be in any orientation and the retinal cells will respond to them.



Misha Pavel says that vision seems effortless but requires

He studies how the visual system breaks down information and recombines it into a coherent image we can recognize.

8. According to Pavel, which statement about vision is correct?

- a. The brain looks for changes and complexity.
- b. The brain looks for constancies and simplicity.