















VISION - LOW LEVEL Photoelectrochemical reaction 光电化学反应 • Retina translates 2D image into impulses • Optical nerve sends those impulses into the brain to create visual perception • Two receptors - Rods & Cones • Rods: thin and long, ~120 million, Scotopic Vision, high sensitivity, achromatic, low acuity (spatial acuity) • Cones: thick and short, 6~7 million, Photopic Vision, lower absolute sensitivity, chromatic, high acuity







































