
**COVER**

Time exposures of the left and right optic disks of three kittens, projected on a tangent screen. The colored bars indicate the orientation on the screen of visual stimuli that optimally excited five binocular visual cortical neurons in each kitten. Each color represents one cell's preferred stimuli in the left and right eyes. The top kitten was reared wearing goggles that rotated the image in the left eye eight degrees counterclockwise and in the right eye eight degrees clockwise; the middle and bottom kittens experienced no rotation and the opposite rotation, respectively. See page 285. [Paul G. Shinkman and Charles J. Bruce. University of North Carolina, Chapel Hill]