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COVER Optical imaging of primate visual cortex based on the intrinsic, activity-dependent signals. An overlaid image of the orientation columns (cortical regions that respond preferentially to visual stimuli containing borders of a particular angle, indicated by a particular color) and the ocular dominance columns (cortical regions preferring left eye stimulation coded by a darkening of color). See page 417. [Field of view: 6 millimeters by 3.5 millimeters. Imaged by Daniel Y. Ts'o, Ron D. Frostig, Edmund E. Lieke, and Amiram Grinvald, The Rockefeller University, and IBM Research Division]

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