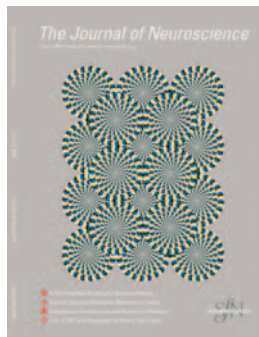


# The Journal of Neuroscience

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**Cover picture:** Rotating Snakes, by Akiyoshi Kitaoka, adapted by Bevil Conway. In this powerful static motion illusion, the direction of illusory motion is yellow → black → blue → white. Psychophysical and physiological experiments described in our paper show that the critical feature of the illusion is the luminance contrast of the elements compared with the average gray of the entire display. Direction-selective neurons in primary visual cortex and the motion area [middle temporal area (MT)] respond to the luminance contrast of the elements in a configuration-dependent way, serving as the physiological building blocks for the illusion. For details, see the article by Conway et al. in this issue (pages 5651–5656).

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**Erratum:** In the article “Pigment-Dispersing Factor and GABA Synchronize Cells of the Isolated Circadian Clock of the Cockroach *Leucophaea maderae*,” by Nils-Lasse Schneider and Monika Stengl, which appeared on pages 5138–5147 of the May 25, 2005 issue, the DOI number given beneath the correspondence address is not correct as shown in the print version. The correct DOI number for this article is “DOI:10.1523/JNEUROSCI.5138-A-04.2005.”

**Correction:** In the article “Developmental Changes in AMPA and Kainate Receptor-Mediated Quantal Transmission at Thalamocortical Synapses in the Barrel Cortex,” by Neil J. Bannister, Timothy A. Benke, Jack Mellor, Helen Scott, Esra Gürdal, John W. Crabtree, and John T. R. Isaac, which appeared on pages 5259–5271 of the May 25, 2005 issue, the units for rate constants  $k_{+1}$ ,  $k_{+2}$ , and  $k_{+3}$  in Table 3 should be  $\text{M}^{-1}\text{s}^{-1}$ .

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