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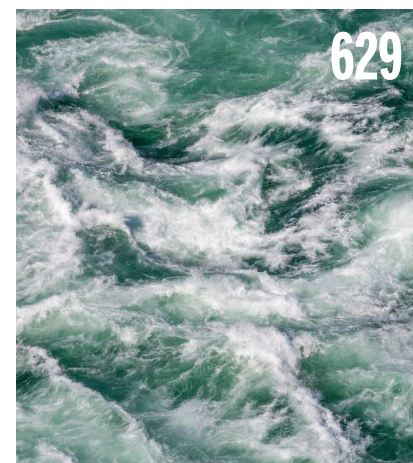
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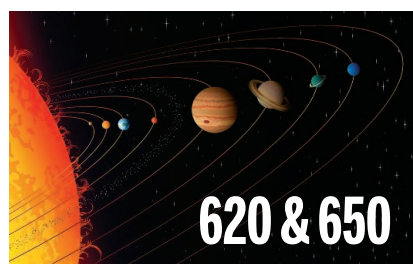
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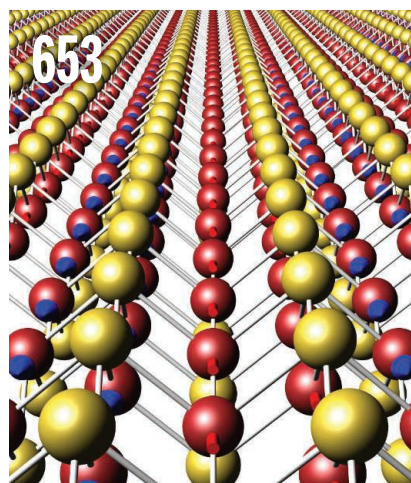
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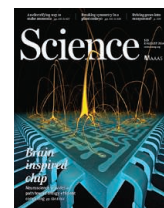
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Artist's concept of neurons firing on a computer chip. A neurosynaptic chip (area ~ 4 square centimeters) built using silicon technology can approximate the structure and function

of the mammalian brain. The chip and associated software have the potential to transform society by enabling visual, auditory, and multisensory applications for mobile devices, the cloud, and synaptic supercomputers. See pages 614 and 668. Image: Joe Lertola, Bryan Christie Design

# Science

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