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NEUROSCIENCE

People Who  
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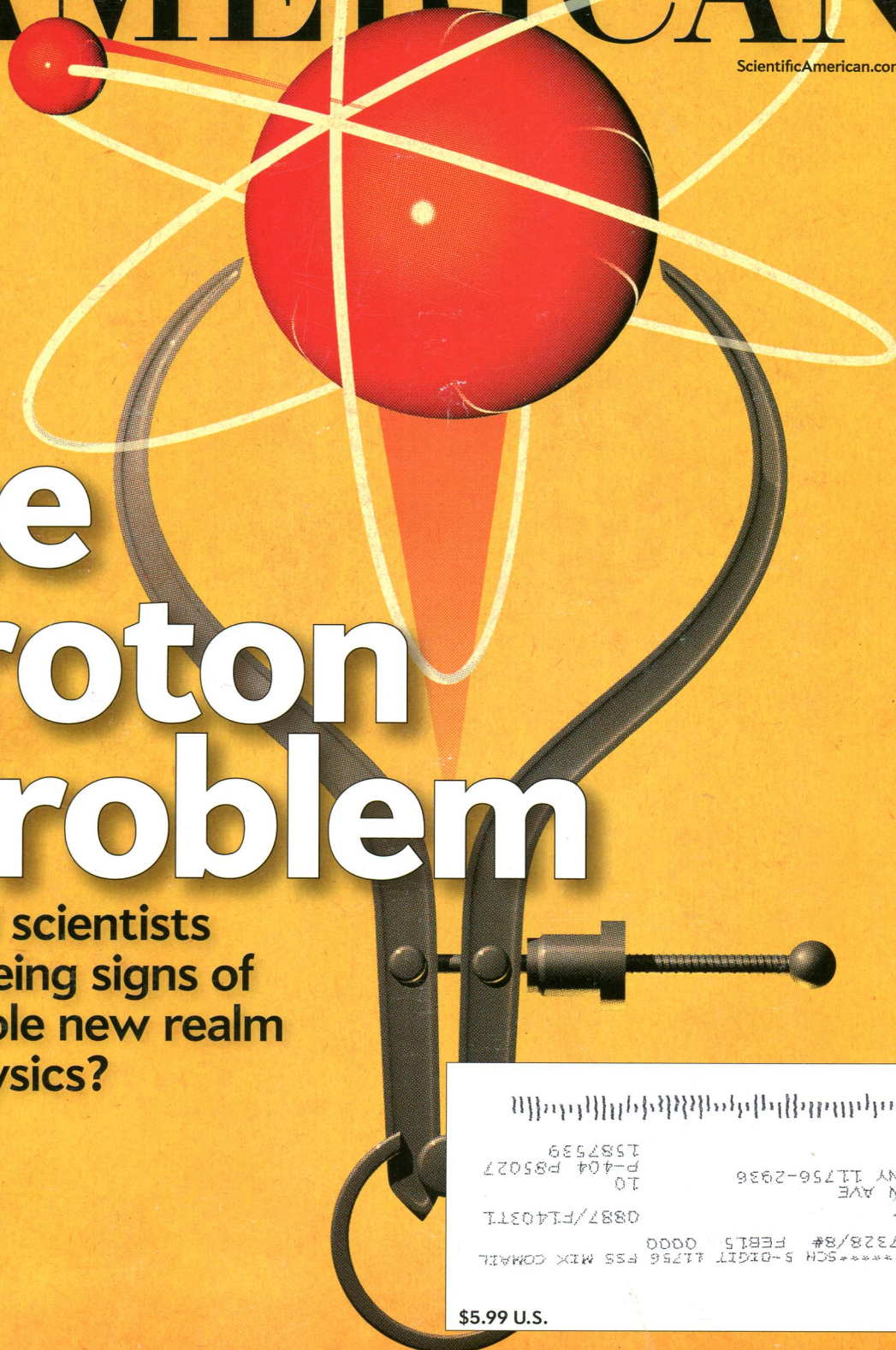
The Benefits of  
Video Games (Really)

# SCIENTIFIC AMERICAN

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# The Proton Problem

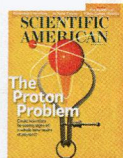
Could scientists  
be seeing signs of  
a whole new realm  
of physics?



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The size of the proton was not thought to be in question. But a new experiment has determined that it is far smaller than expected. The results have puzzled physicists and called into question the exceedingly well verified theory of quantum electrodynamics. They have also raised hopes among researchers that the anomaly may point the way to a deeper understanding of nature. Image by Tavis Coburn.

# SCIENTIFIC AMERICAN

February 2014 Volume 310, Number 2



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They coil. They swing. They fold. They meander. Streams of honey, oil and other viscous fluids can do things that physicists still do not fully understand. *By Neil M. Ribe, Mehdi Habibi and Daniel Bonn*

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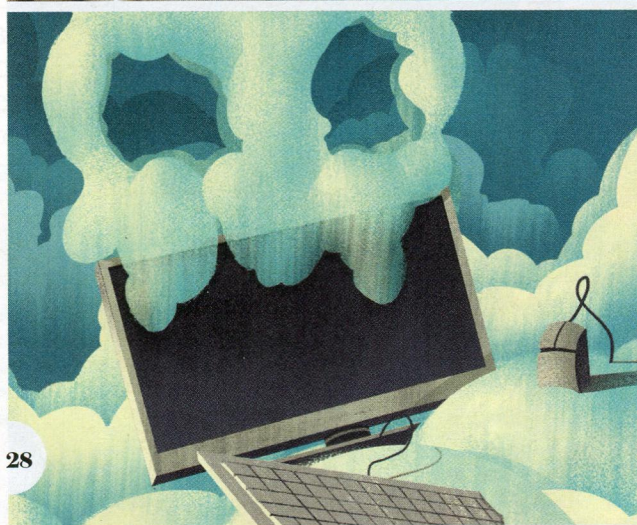
Would you be surprised if the same six lottery numbers came up in two successive drawings? Perhaps you shouldn't be. Long shots, miracles and other extraordinary events happen all the time. *By David J. Hand*

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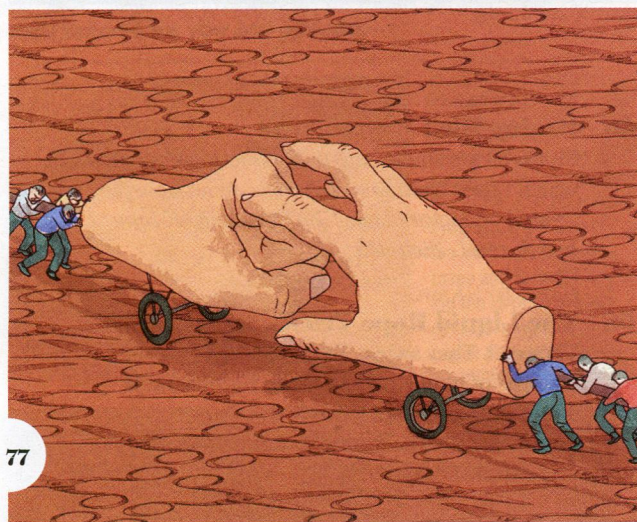
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At a conference hosted by the Foundational Questions Institute, physicists, neuroscientists and other researchers gathered to explore what role information plays in physics, in consciousness and in life itself.

Go to [www.ScientificAmerican.com/feb2014/fqxi](http://www.ScientificAmerican.com/feb2014/fqxi)

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