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Intelligence is hard to define, but you know it when you see it ... Or do you? Artificial intelligence researchers can now design algorithms with almost humanlike abilities to perceive images, communicate with language, and learn from experience. Can we learn anything about how our neuron-based minds work from these machines? Do we need to worry about what these algorithmic minds might be learning about us? On the cover is a visualization of human brain connectivity from MRI diffusion imaging, with superimposed computer connectors. See page 248. *Illustration: Beth Rakouskas, imaging courtesy of Arthur W. Toga, USC Laboratory of Neuro Imaging; computer connectors: Hans-Joachim Roy/Shutterstock*

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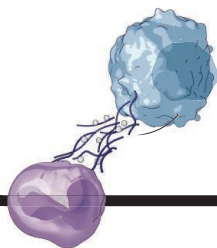
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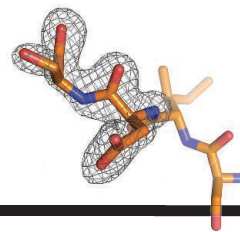
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