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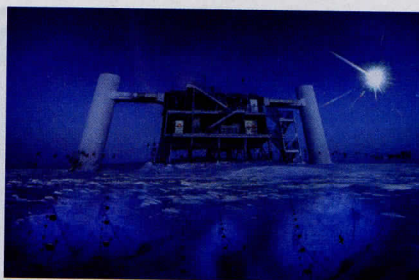
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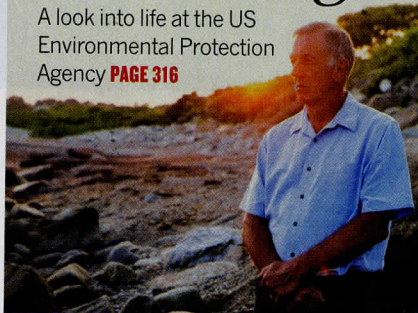
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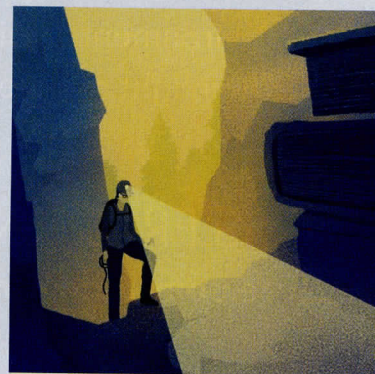
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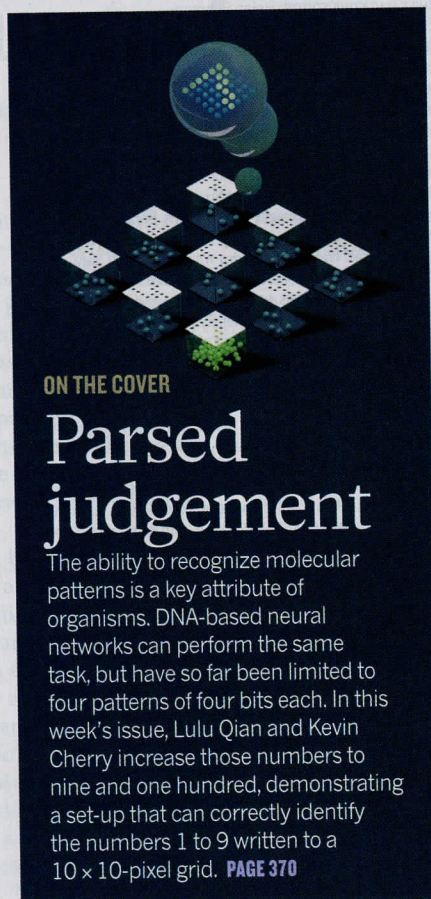
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ON THE COVER

Parsed judgement

The ability to recognize molecular patterns is a key attribute of organisms. DNA-based neural networks can perform the same task, but have so far been limited to four patterns of four bits each. In this week's issue, Lulu Qian and Kevin Cherry increase those numbers to nine and one hundred, demonstrating a set-up that can correctly identify the numbers 1 to 9 written to a 10×10 -pixel grid. [PAGE 370](#)

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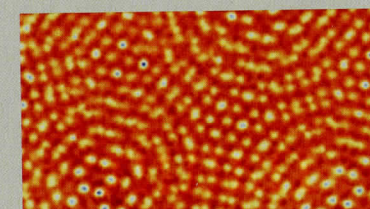
PtdIns(4,5)P₂ stabilizes active states of GPCRs and enhances selectivity of G-protein coupling

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A new approach can image 2D materials to 0.39 Å resolution. [PAGE 343](#)



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