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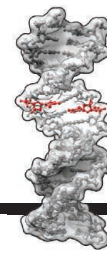
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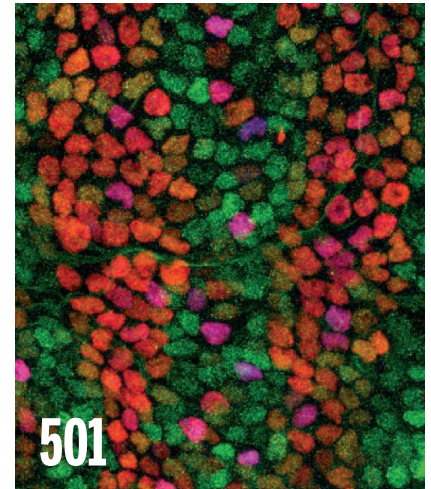
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ON THE COVER



A playing card—as used in the game of poker—with an artistic rendition of a digital circuit board. Games in which players have asymmetric information during play, such as poker, have proven

challenging for artificial intelligence. The computer program DeepStack takes a new approach, bringing local search techniques to such games. DeepStack defeated professional players at heads-up no-limit Texas hold'em poker. See page 508.

Image: *Graham Johnson*

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