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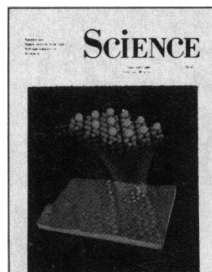
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**COVER** Atomic structure of a silicon crystal surface obtained from a tunneling microscope. The atomic reorganization at the surface of both flat atomic (111) planes and the atomic steps are seen in a 100 by 100 angstrom region. A unit cell of the 7×7 surface reconstruction is highlighted with an expanded computer-generated model above, which accounts for the observed structure. See page 48. [R. S. Becker, J. A. Golovchenko, and B. S. Swartzentruber; artistic assistance provided by J. Drobny and C. Jernstedt, AT&T Bell Laboratories, Murray Hill, NJ 07974]

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