This Week in Science

Editorial
9 Let Us Meander

Letters

News & Comment
12 Imported Chips: A Security Risk?
13 Gene-Splicing Debate Heats Up in Germany
14 President Awards Science and Technology Medals
15 Larger Public Sector Role Sought on Biotech ■ EPA Suspends Biotech Permit
16 Antagonists Agree on Pesticide Law Reform
17 Briefing: OMB Offers to Delay Indirect Cost Cuts ■ NSF Designates Five New Engineering Centers ■ House Science Committee Chairman Leaving Congress ■ NSF to Establish Computer Directorate ■ British Telescope Dogged by British Weather ■ New French Government Scraps Research Ministry ■ Comings and Goings

Research News
20 Obese Children: A Growing Problem
22 Can Synchrotron Light Save the Chip Industry?
24 Why Dynamiting Vampire Bats Is Wrong ■ Case Studies in Ecology
26 Briefing: The Currents of Space

Articles
27 High-Resolution Climatic Analysis and Southwest Biogeography: R. P. Neilson
34 A Receptor-Mediated Pathway for Cholesterol Homeostasis: M. S. Brown and J. L. Goldstein
48 The Tunneling Microscope: A New Look at the Atomic World: J. A. Golovchenko

Reports
58 Role of Platelet-Activating Factor—Ather in Mediating Guinea Pig Anaphylaxis: H. Darius, D. J. Lefer, J. B. Smith, A. M. Lefer.
65 Electrophoretic Separations of Large DNA Molecules by Periodic Inversion of the Electric Field: G. F. Curb, M. Frank, M. V. Olson
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 7x7 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. Drobyn and C. Jernstedt, AT&T Bell Laboratories, Murray Hill, NJ 07974]
Editor's Summary

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