1271 This Week in Science

**Editorial**

1273 Support for Materials Science and Engineering

**Letters**

1280 U.S. Oil and Gas Consumption: Is Another Crisis Ahead? D. B. HAWKINS; R. L. HIRSCH; Punitive Damages and Innovation: D. H. KAYE; A. BROWN; R. L. RANDALL; R. J. MAHONEY AND S. E. LITTLEJOHN

**News & Comment**

1283 SDI Heads for Fiscal Crash • With a Little Help • Army, Air Force Eye SDI Spinoffs • The Ups and Downs of Strategic Defense Weapons
1286 In Peru, Even Potato Research Is High Risk
1287 Gene Therapy Clears First Hurdle
1288 Greenpeace and Science: Oil and Water?
1290 Academy of Engineering Elects New Members

**Research News**

1291 Particle Physicists Look to the Heavens
1294 Heart Like a Wheel
1295 Tweaking Molecules with Laser Light
1296 CF Screening Delayed for a While, Possibly Forever
1297 Ozone Destruction Closer to Home
1298 *Briefings*: Prospectors Cash In on Geologist’s Find • Transgenic Carp: Pond-Ready? • Technology Unlocks “Lost” Writings • Stanford Patents Pay

**Articles**

1299 Drug Prevention in Junior High: A Multi-Site Longitudinal Test: P. L. ELICKSON and R. M. BELL

**Research Article**


**Reports**

1317 Femtosecond Pulse Sequences Used for Optical Manipulation of Molecular Motion: A. M. WEINER, D. E. LEAIRD, G. P. WIEDERRECHT, K. A. NELSON

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Basalt lava erupted from Kilauea Volcano, Hawaii, pours 3 meters from a shallow tube into the Pacific Ocean. The current eruption began in January 1983; the lava produced now covers 70 square kilometers, including 150 acres of new land formed along the seacoast. Analysis of more than 20 years of ground deformation data suggests that Kilauea’s magma system is deeper and more extensive than previously thought. See page 1311. [Photographed on 27 November 1989 by J. D. Griggs, U.S. Geological Survey]