### Editorial
777 Priority One: Rescue the Environment

### Letters

### News & Comment
798 Paleoanthropology Gets Physical ■ Racemization Dating: Great Expectations
801 Hearing on Lab Vandalism
802 Old Law Puts a New Wrinkle in Fraud Probes
803 Science Indicators: Healthy . . . For Now

### Research News
804 The Microchip Microbe Hunters
807 New Lightest Aerogel Is Nothing to Look At
808 Puzzling Out the Tectonic Plates
809 Concerns Raised About Mouse Models for AIDS
810 Briefing: China Curbs Outflow of Students ■ The NSF and Biodiversity ■ Testing Relativity ■ Perils of Moderation ■ Poles Plug In ■ British Brain Drain ■ Biotech Protection ■ Alps Threatened with Deforestation ■ Primate Use Down ■ OTA Speaks Out on Communications

### Articles
812 Race and Imprisonment Decisions in California: S. KLEIN, J. PETERSILLIA, S. TURNER
817 "Dead Quasars" in Nearby Galaxies?: M. J. REES

### Research Articles
824 Induction of Chronic Myelogenous Leukemia in Mice by the P21(terra) Gene of the Philadelphia Chromosome: G. Q. DALEY, R. A. VAN ETEN, D. BALTIMORE

### Reports
831 NMR Characterization of Surface Interactions in the Cytochrome b5–Cytochrome c Complex: A. M. BURCH, S. E. J. RIGBY, W. D. FUNK, R. T. A. MACGILLIVRAY, M. R. MAUK, A. G. MAUK, G. R. MOORE
833 Painting the Phase Space Portrait of an Integrable Dynamical System: S. COFFEY, A. DEPRIT, E. DEPRIT, L. HEALY
Cover  Graphical representation of the motion of satellite orbits in phase space (the space whose dimensions are position and momentum). Each point fixes the orbital eccentricity and argument of perigee; color bands correspond to constant energy levels. Rendered by contour “painting” on a massively parallel processor, the plot reveals a startling configuration of equilibria spawned by pitchfork and saddle node bifurcations. See page 833. [Computer graphics generated on a Thinking Machines Corporation CM-2 by Etienne Deprit and Liam Healy, Naval Research Laboratory, Washington, DC; photographic image by Mark Stucky]

836 Activin-Binding Protein from Rat Ovary Is Follistatin: T. Nakamura, K. Takio, Y. Eto, H. Shibai, K. Tittani, H. Sugino

838 Endocranial Features of Australopithecus africana Revealed by 2- and 3-D Computed Tomography: G. C. Conroy, M. W. Vannier, P. V. Tobias

841 Genetic Analysis of Histone H4: Essential Role of Lysines Subject to Reversible Acetylation: P. C. Megg, B. A. Morgan, B. A. Mittman, M. M. Smith


858 Subcellular Calcium Transients Visualized by Confocal Microscopy in a Voltage-Clamped Vertebrate Neuron: A. Hernández-Cruz, F. Sala, P. R. Adams


Book Reviews 865 Productivity of the Ocean, reviewed by P. G. Brewer • Clostridia, E. R. Kashket • The Biology of Euglena, C. A. Price • Quaternary Type Sections, W. R. Farrand • Books Received

Products & Materials 868 Monoclonal Antibodies • Kit for Automated DNA Extraction • Right-to-Know Bottles and Labels • Ultralow-Temperature Freezers • Tiny Microcentrifuge • CO2 for Supercritical Fluid Extraction • HPLC Pump for Critical Conditions • Highest Resolution Analytical Balances • Literature
Science 247 (4944), 775-868.