<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>777</td>
<td>Editorial: Priority One: Rescue the Environment</td>
</tr>
<tr>
<td>798</td>
<td>News &amp; Comment: Paleoanthropology Gets Physical - Racemization Dating: Great Expectations</td>
</tr>
<tr>
<td>800</td>
<td>Research News: The Microchip Microbe Hunters</td>
</tr>
<tr>
<td>800</td>
<td>The Microchip Microbe Hunters</td>
</tr>
<tr>
<td>808</td>
<td>Old Law Puts a New Wrinkle in Fraud Probes</td>
</tr>
<tr>
<td>803</td>
<td>Science Indicators: Healthy...For Now</td>
</tr>
<tr>
<td>804</td>
<td>Race and Imprisonment Decisions in California: S. Klein, J. Petersilia, S. Turner</td>
</tr>
<tr>
<td>817</td>
<td>&quot;Dead Quasars&quot; in Nearby Galaxies?: M. J. Rees</td>
</tr>
<tr>
<td>824</td>
<td>Induction of Chronic Myelogenous Leukemia in Mice by the P210ab Gene of the Philadelphia Chromosome: G. Q. Daley, R. A. Van Etten, D. Baltimore</td>
</tr>
<tr>
<td>833</td>
<td>Painting the Phase Space Portrait of an Integrable Dynamical System: S. Coffey, A. Depirt, E. Depirt, L. Healy</td>
</tr>
</tbody>
</table>

**SCIENCE** is published weekly on Friday, except the last week in December, and with a supplement in March by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class Non-profit postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Copyright © 1990 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $75. Domestic institutional subscription (51 issues): $120. Foreign postage extra: Canada $45, other (surface mail) $45, air mail via Amsterdam $85. First class, airmail, school-year, and student rates on request. Single copy sales: Current issue, $3.50; back issues, $5.00; Biotechnology issue, $6.00 (for postage and handling, add per copy $0.50 U.S., $1.00 all foreign); Guide to Biotechnology Products and Instruments, $18 (for postage and handling add per copy $1.00 U.S., $1.50 Canada, $2.00 all foreign). Bulk rates on request. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $.10 per page is paid directly to CCC, 22 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/83 $1.00. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send Form 3579 to Science, P.O. Box 1723, Riverton, NJ 08077. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes. The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objectives are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the promotion of human welfare, to advance education in science, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
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. Megee, 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

Technical Comments

863 Evidence for Band Overlap Metallization of Hydrogen: I. F. Silvera; H. K. Mao and R. J. Hemley

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

16 FEBRUARY 1990