LETTERS


ARTICLES

The Bridge of Language: N. Frye ........................................... 127
Iron Ore: From Depletion to Abundance: P. J. Kakela .................... 132

NEWS AND COMMENT

Fraud and the Structure of Science ........................................ 137
MX Lobotomized by Air Force, Critic Says ............................. 138
Interferon: No Magic Bullet Against Cancer ........................... 141
Califano Tells Tales of the Top Post at HEW ............................. 142
Briefing: DOE Blocks Mailing of 'Antinuclear' Publication; House Science Panel Throws Down Gauntlet; More About Cloned Mice; Levy to Leave NHLBI; Heroin No Better than Morphine as Analgesic ........................................... 144

RESEARCH NEWS

The 1981 Pittsburgh Conference: A Special Instrument Report
Myriad Ways to Measure Small Particles ................................ 146

Instrument Highlights: Rough Going for Lasers at the Pittsburgh Conference;
How Many Solvents Is the Limit for HPLC?; Concentrations Measured by Delayed Lasing; Persistence Pays Off in the Form of a New Product;
IR Spectrophotometer Wed to a Microscope; IBM Now Making Analytical Instruments .................................. 148

New Ways to Measure SO2 Remotely ...................................... 152
At $100 per Hour, Service Is a Big Concern ............................. 153
## BOOK REVIEWS

- Cosmologie Physique, reviewed by J. E. Gunn; Evolution in Age-Structured Populations, R. E. Michod; Olfaction in Mammals, D. G. Kleiman; Behavior of Marine Animals, N. P. Ashmole; Books Received  .......................................................... 154

## REPORTS

- Voyager 1 Encounter with the Saturnian System: E. C. Stone and E. D. Miner .......................................................... 159
- Encounter with Saturn: Voyager 1 Imaging Science Results B. A. Smith et al.......................................................... 163
- Orbits of the Small Satellites of Saturn: S. P. Synnott et al.......................................................... 191
- Infrared Observations of the Saturnian System from Voyager 1: R. Hanel et al.......................................................... 192
- Radio Science Investigations of the Saturn System with Voyager 1: Preliminary Results: G. L. Tyler et al.......................................................... 201
- Extreme Ultraviolet Observations from Voyager 1 Encounter with Saturn: A. L. Broadfoot et al.......................................................... 206
- Magnetic Field Studies by Voyager 1: Preliminary Results at Saturn: N. F. Ness et al.......................................................... 211
- Plasma Observations Near Saturn: Initial Results from Voyager 1: H. S. Bridge et al.......................................................... 217
- Low-Energy Charged Particles in Saturn’s Magnetosphere: Results from Voyager 1: S. M. Krimigis et al.......................................................... 225
- Energetic Charged Particles in Saturn’s Magnetosphere: Voyager 1 Results: R. E. Vogt et al.......................................................... 231
- Plasma Waves Near Saturn: Initial Results from Voyager 1: D. A. Gurnett, W. S. Kurth, F. L. Scarf .......................................................... 235
- Planetary Radio Astronomy Observations from Voyager 1 Near Saturn: J. S. Warwick et al.......................................................... 239

## PRODUCTS AND MATERIALS

- Centrifuge; Marker Proteins; Miniature Specimen Light; Rheometer; Cholesterol Analyzer; Polynucleotide Synthesizer; Dissecting Boards; Ventilated Cage Rack; Literature .......................................................... 244

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**Cover**

Computer-enhanced photo of Saturn (taken 13 November 1980 by Voyager 1) shows Saturn’s rings and their shadows against the lighted crescent of the planet. The photo was taken from a distance of 1,570,000 kilometers beyond the planet. The bright, overexposed limb of Saturn is visible through the rings. Radial spokes in the B ring, which appeared dark in pictures taken when Voyager 1 was approaching Saturn, can be seen here as bright markings, suggesting that the spoke particles are a few microns in diameter. The thin F ring displays brightness variations that are caused by nonuniform distribution of material in that ring. See page 159. [Jet Propulsion Laboratory, Pasadena, California]