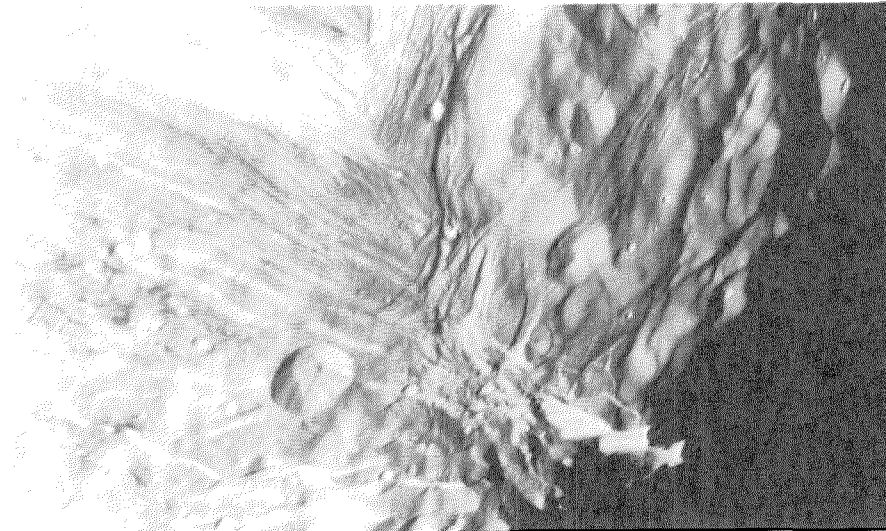
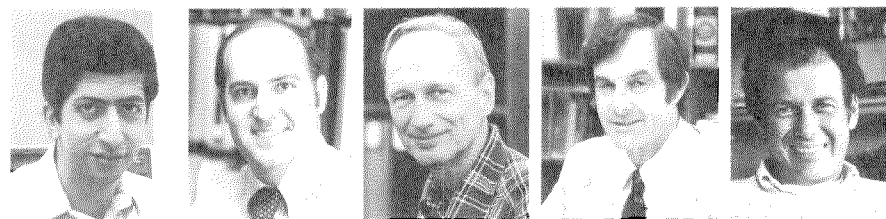


Random Walk



This Voyager 2 image, taken January 24, 1986, shows part of Miranda, innermost of Uranus's large satellites. Voyager was some 36,000 kilometers from Miranda when this shot was taken. Miranda is an amazing place, comprising quite a number of terrain types juxtaposed closely. At least two of those terrains are visible here. The rugged, higher-elevation terrain to the right contains numerous craters, indicating that it is older than the lower, striated terrain to the left. Several scarps, probably faults, cut the different terrains. The large crater at left center in the image is about 25 km across. In its September 1986 issue Engineering & Science will publish an article on Uranus by Professor of Physics Edward Stone, who is also division chairman as well as Voyager project scientist.

Teachers Honored



FIVE FACULTY MEMBERS have received FASCIT awards for excellence in teaching. These awards are based on survey responses and represent the sentiments of the entire student body.

The honored faculty members are from left: Yaser S. Abu-Mostafa, assistant professor of electrical engineering and computer science, for the course, "Information and Complexity;" Glen R. Cass, associate professor of environ-

mental engineering, for the course "Engineering Problems of Man's Environment;" Eugene W. Cowan, professor of physics, for the course "Classical Electromagnetism;" Fred E.C. Culick, professor of applied physics and jet propulsion, for the course "Vehicle Performance and Dynamics;" and Jerome Pine, professor of physics, for the course "Introduction to Biophysics of the Nervous System."

Harrison Dies

THE CALTECH COMMUNITY recently lost a close friend with the death on February 7 of Dr. R. Stewart Harrison. Harrison, 79, was born in England and received his undergraduate and medical degrees from Oxford University. He specialized in radiology and, in the early 1930s, wrote a definitive work on the radiation therapy of cancer of the larynx. In 1936 he was invited to Caltech where he worked with C.C. Lauritsen, then professor of physics, who had built the world's first supervoltage radiation therapy machine in his lab next to Kellogg.

After service in the U.S. Army during World War II, Harrison returned to Pasadena where he held the position of Chief of Radiology at Huntington Memorial Hospital until his retirement in 1974. But he always maintained close ties with Caltech. In 1954 the Trustees appointed him Consultant in Radiology and he served for many years on the Institute's Radiological Safety Committee. He was instrumental in the establishment of the Health Center and served as its assistant director from 1960 to 1970. In recent years he spent most of his time at his home in Solimar Beach, CA. He is survived by his wife, Helen.

IBM Gives Grant

PRESIDENT MARVIN GOLDBERGER has announced a new \$1 million grant to the Institute from IBM. "This grant helps meet some of the most vital needs of Caltech," said Goldberger. "For example, a portion of the funding will be used to establish the IBM Research Fund to support research initiatives by both new and established faculty. These funds are absolutely necessary if we are to attempt untried research approaches that would normally be supported by traditional sources." The IBM Research Fund will also be used to bring outstanding young scholars to the Institute as visitors. In addition, the IBM grant will help support the Summer Undergraduate Research Fellowship (SURF) program and the Secondary Schools Science Project.