ROBERT E. TARJAN

PRINCETON UNIVERSITY

will deliver the

LEONIDAS ALAOGLU MEMORIAL LECTURE

Binary Trees

Tuesday, February 25, 1992, 4:15 p.m.
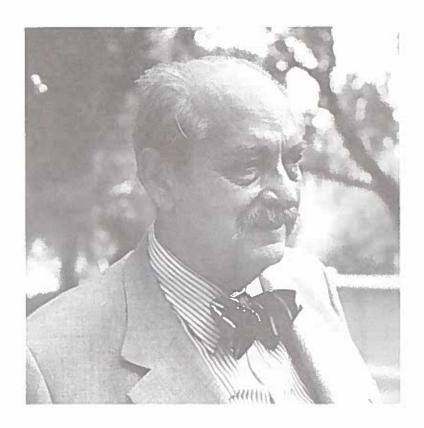
22 Gates Annex

California Institute of Technology

ROBERT E. TARJAN

Robert E. Tarjan graduated with honors from Caltech in 1969, receiving a B.S. degree in mathematics. He did his graduate work in computer science at Stanford, where he received an M.S. in 1971 and a Ph.D. in 1972.

After an interim appointment at Cornell University, Robert Tarjan returned to Stanford as a faculty member, where he remained until 1981. He then began a dual career as Adjunct Professor of Computer Science at New York University and a member of the Technical Staff at AT&T Bell Laboratories. In 1985 he joined the Princeton University faculty as the James S. McDonnell Distinguished University Professor in Computer Science. Since 1989 he has also been serving as Co-Director of the NSF Center for Discrete Mathematics and Theoretical Computer Science and as Adjunct Fellow of the NEC Research Institute at Princeton.

Robert Tarjan is the author or co-author of more than 150 research articles and two books on the design and analysis of combinatorial algorithms and data structures. He has also supervised fourteen Ph.D. dissertations. Much of his work concerns the formulation of general design principles and analytical tools that apply to a broad range of important combinatorial problems.

Professor Tarjan is on ten editorial boards and has served on several committees for professional societies. He is a member of the National Academy of Sciences, the National Academy of Engineering, and the American Philosophical Society. He has received many awards, including a Miller Research Fellowship, a Guggenheim Fellowship, the National Academy of Sciences Award for Initiatives in Research, the A. M. Turing Award of the Association for Computing Machinery, and the Nevanlinna Prize of the International Mathematical Union. The Mathematics Faculty is pleased to welcome him back to Caltech as Leon Alaoglu Lecturer.

CALIFORNIA INSTITUTE OF TECHNOLOGY

LEONIDAS ALAOGLU

MEMORIAL LECTURE

IN MATHEMATICS

1992

The Leonidas Alaoglu Memorial Lecture was established by friends and family of the late Leonidas Alaoglu in recognition of his great talents, his distinguished contributions to mathematics, and his long friendship with Caltech. The Institute is privileged to honor his memory with a lecture each year by an outstanding mathematician.