HAROLD M. STARK

UNIVERSITY OF CALIFORNIA, SAN DIEGO

will deliver the

LEONIDAS ALAOGLU MEMORIAL LECTURE

Two Centuries of Quadratic Fields

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Tuesday, February 19, 1991, 4:15 p.m.
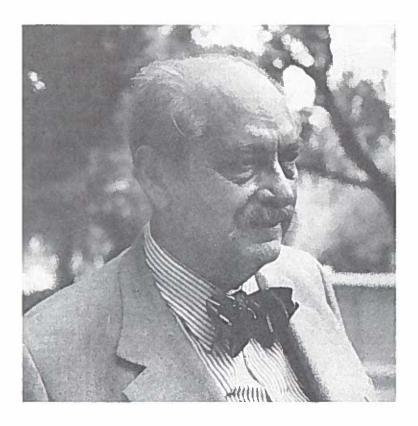
22 Parsons Gates

California Institute of Technology

HAROLD M. STARK

Harold M. Stark graduated from Caltech in 1961 and received an M.A. and Ph.D. from UC Berkeley in 1963. His Ph.D. thesis on the class number of complex quadratic fields was written under the direction of D. H. Lehmer.

He spent the next five years at the University of Michigan, and in 1969 joined the faculty at the Massachusetts Institute of Technology, where he became Professor in 1972. In 1980 he began a dual career. Spanning the continent for ten years, he served as Professor at both MIT and the University of California, San Diego. In 1990 he relinquished his position at MIT and became chairman of the Mathematics Department at UC San Diego.

Harold Stark became an international celebrity at age twenty-eight when he settled Gauss's famous problem on imaginary quadratic fields with unique factorization. He has written more than fifty research papers on topics related to quadratic fields and Dirichlet L-functions, and has supervised more than twenty Ph. D. students, including Andrew M. Odlyzko, last year's Leon Alaoglu Lecturer. He has also published a highly regarded textbook in elementary number theory.

Professor Stark was an O.N.R. Fellow in 1967-68, a Sloan Fellow in 1968-70, and a visitor to the Institute for Advanced Study in 1970-71 and again in 1984. In 1987 he was a visiting mathematician at the Mathematical Sciences Research Institute at Berkeley, and in 1989 became a member of their Board of Trustees. He has served on several editorial boards and on various committees of the American Mathematical Society and the International Congress of Mathematicians. He has also delivered invited addresses for the AMS in 1967, 1973 and 1980, and at the International Congress of Mathematicians in Nice in 1970. 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

1991

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.