RALPH P. BOAS

Professor Emeritus

Northwestern University

will deliver the

LEONIDAS ALAOGLU MEMORIAL LECTURE

The Harmonic Series: Applications and Unsolved Problems

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Tuesday, February 28, 1989, 4:15 p.m.

22 Parsons Gates

California Institute of Technology

RALPH P. BOAS

Ralph P. Boas graduated from Harvard University in 1933, received his Ph. D. there in 1937, and spent the next two years as a National Research Fellow at Princeton and at Cambridge University in England.

After teaching at Duke University, the Naval Pre-Flight School in Chapel Hill, and at Harvard, he became Executive Editor of *Mathematical Reviews* in 1945. In five years he transformed that fledgling periodical into one of the most valuable resources for research mathematicians. He returned to teaching in 1948, first as a lecturer at MIT and then as Professor of Mathematics at Northwestern University, where he remained until his retirement in 1980.

Professor Boas has published more than 150 research papers, most of them on entire functions, trigonometric series, and subtle phenomena of real variable theory. In 1954 he wrote *Entire Functions*, the standard reference book on the subject. He also wrote two monographs for the *Ergebnisse* series, *Polynomial Expansions of Analytic Functions* (with R. C. Buck), and *Integrability Theorems for Trigonometric Transforms*. Perhaps his most widely read book is the classic Carus monograph *Primer of Real Functions*, which is now in its 3rd edition. He has translated many books and articles from Russian, and is currently editor of the Journal of Mathematical Analysis and Applications, and managing editor of Selecta Mathematica Sovietica.

R. P. Boas was vice-president of the American Mathematical Society in 1959-60, and a trustee in 1965-70 and in 1973-74. He served on several committees of the Mathematical Association of America, becoming President in 1973-74 and Editor of the American Mathematical Monthly from 1976 to 1981.

He has been honored as a Sheldon Fellow at Harvard, a National Research Fellow, a Guggenheim Fellow, and President's Fellow at Northwestern. In 1981 he received the Distinguished Service Award for Mathematics bestowed by the Mathematical Association of America.

The Caltech Mathematics Faculty is pleased to welcome him as Leon Alaoglu Lecturer for 1989.

CALIFORNIA INSTITUTE OF TECHNOLOGY

LEONIDAS ALAOGLU

MEMORIAL LECTURE

IN MATHEMATICS

1989

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.