TOM M. APOSTOL

PROFESSOR EMERITUS, CALTECH

will deliver the

**CHARLES R. DEPRIMA MEMORIAL
UNDERGRADUATE MATHEMATICS LECTURE**

What is the most surprising result in mathematics?

Tuesday, November 29, 1994, 4:15 p.m.

151 Sloan

California Institute of Technology

TOM M. APOSTOL

Tom M. Apostol earned a B. S. in Chemical Engineering in 1944 and an M. S. in Mathematics in 1946 from the University of Washington. He continued his graduate work at UC Berkeley and received his Ph. D. in 1948 with a thesis in analytic number theory written under the direction of D. H. Lehmer.
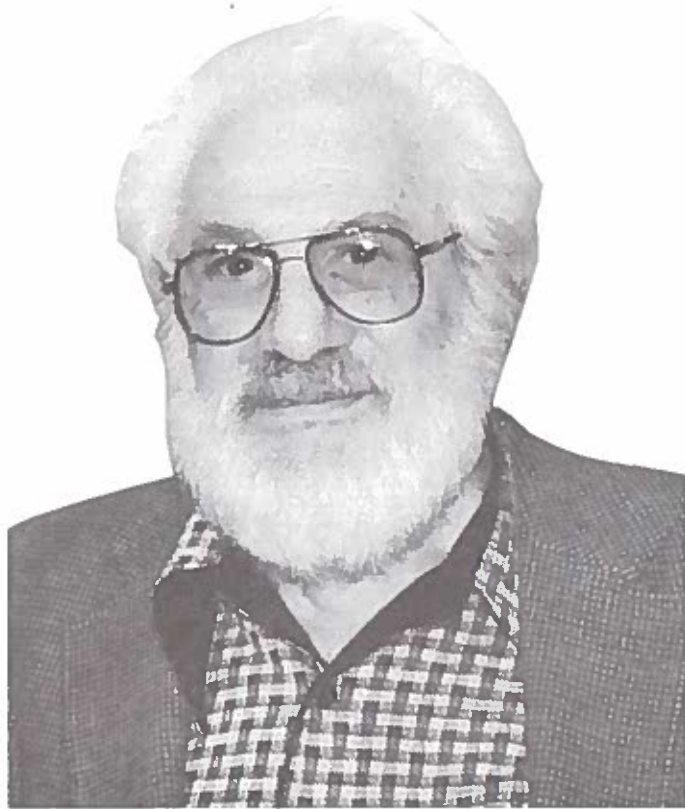
He was a Lecturer at Berkeley for one year, spent a year at M. I. T. as C. L. E. Moore Instructor, and joined the Caltech faculty in 1950. He became Professor Emeritus in 1992.

For nearly four decades Caltech undergraduates have learned calculus from Professor Apostol's two-volume text, often referred to by students as 'Tommy 1' and 'Tommy 2.' These volumes, and his other textbooks in mathematical analysis and analytic number theory, have been translated into Greek, Italian, Spanish, Farsi, and Portuguese.

Tom Apostol was initiated into the world of television when he worked for five years as a member of the Caltech team that produced *The Mechanical Universe ... and Beyond*, a 52-episode telecourse in college physics completed in 1987. Currently, he is creator, director and producer of *Project MATHEMATICS!*, a series of award-winning computer animated videotapes in mathematics that are used nationwide and abroad as support material in high school and community college classrooms.

His list of publications includes 52 research papers, 48 books, and 12 videotapes. In 1982 Caltech students honored him with an ASCIT Teaching Award. He has also been active in mathematics education outside Caltech, serving as Visiting Lecturer for the Mathematical Association of America and as a member of its Board of Governors. For eight years he was a member of an Electoral Committee selecting faculty for the University of Crete.

The Caltech Mathematics Faculty is pleased to welcome Professor Apostol as Charles R. DePrima Lecturer for 1994.

CALIFORNIA INSTITUTE OF TECHNOLOGY

CHARLES R. DEPRIMA MEMORIAL

UNDERGRADUATE MATHEMATICS

LECTURE

1994

The Charles R. DePrima Memorial Undergraduate Mathematics Lecture was established by a gift from Charles R. DePrima and Margaret Thurmond DePrima. The Institute is privileged to honor the memory of Professor DePrima and his distinguished contributions to mathematics and Caltech, where he served as a faculty member for over forty years, with a lecture each year by an outstanding mathematician.