



Philip G. Hodge, Jr.

Professor Emeritus

Deceased November 11, 2014

Professor Hodge was a key contributor to plasticity theory and published five books on the subject, several of which were translated into other languages. His research resulted in significant advancements in plasticity theory including developments in the method of characteristics, limit-analysis, piecewise linear isotropic plasticity, and nonlinear programming applications.

Degrees

1943 B.A., Mathematics, Antioch College

1949 Ph.D., Applied Mathematics, Brown University

Experience

1991 - 2014: Professor Emeritus, University of Minnesota & Visiting Professor Emeritus, Stanford University

1971 - 1991: Professor of Mechanics, University of Minnesota

1957 - 1971: Professor of Mechanics, Illinois Institute of Technology (Chicago)

1953 - 1957: Associate Professor and Professor (1956) of Applied Mechanics, Polytechnic Institute of Brooklyn

1949 - 1953: Associate Professor of Mathematics, UCLA

1948 - 1949: Research Associate, Brown University

1947 - 1948: Fellow, Research Assistant, Brown University

1943 - 1946: U.S. Maritime Service and U.S. Merchant Marine

Honors and Fellowships

Served on various committees of the American Society of Mechanical Engineers (ASME)

Longest serving secretary of the U.S. National Committee of Theoretical and Applied Mechanics

Elected to the National Academy of Engineering in 1977

ASME Worcester Reed Warner Medal in 1975

American Academy of Mechanics Award for Distinguished Service in 1984

Theodore von Karman Medal from the American Society of Civil Engineers in 1985

Euler Medal of the USSR Academy of Sciences in 1983

ASME Medal in 1987

ASME's Daniel C. Drucker Medal in 2000

Guggenheim Fellow, 1969-70

Editorial Positions

Professor Hodge was the thesis director for 16 Master's theses and 18 PhD theses

Technical Editor of ASME's Journal of Applied Mechanics from 1971-1976