



J. R. Whinnery

John R. Whinnery was born on July 26, 1916 in Read, Colo. He received the B.S. degree in electrical engineering from the University of California in 1937, and immediately went to work for the General Electric Company in Schenectady, N. Y.

At the General Electric Company, Mr. Whinnery entered the three-year Advanced Engineering Program, and following that, supervised the high-frequency part of that program for two years. He then worked in the Electronics Laboratory and the Research Laboratory on problems in velocity-modulation tubes, traveling-wave tubes, and disk-seal triodes. In 1945-1946 he was also part-time lecturer in Union College.

In 1946, Mr. Whinnery returned to the University of California to teach electrical engineering and to complete work on his Ph.D. degree. He is now professor of electrical engineering there and

chairman of the Electrical Engineering Division. During summer periods he has worked at Stanford University, the Hughes Aircraft Company, and the Ramo-Wooldridge Corporation, and during an industrial leave in 1951-1952 he was head of the Microwave Section of the Hughes Electron Tube Laboratory.

Mr. Whinnery is co-author with Simon Ramo of the text "Fields and Waves in Modern Radio," and is also author of several journal papers on waveguide discontinuities, antenna problems, and microwave tubes.

Mr. Whinnery became an associate member of the IRE in 1941, a senior member in 1944, and received the Fellow award in 1952. He held offices in the San Francisco Section from 1948 to 1954, becoming chairman in 1953, and has been active in WESCON and on many national IRE committees. He is now a director-at-large of the IRE.