

Abstracts

Biography - William Walden Mumford

"Biography - William Walden Mumford." 1955 Transactions on Microwave Theory and Techniques 3.3 (Apr. 1955 [T-MTT]): 2-2.

Born at Vancouver, Washington, on June 17, 1905. Mr. Mumford majored in physics and mathematics at Willamette University, Salem, Oregon, receiving the A.B. degree in 1930. He at once joined the Technical Staff of the Bell Telephone Laboratories with the Radio Research Department at Holmdel, N. J. He has worked on ultra short-wave propagation and microwave components for radio relay systems and radars. Mr. Mumford's contributions in the microwave field include the directional coupler, wideband coaxial to waveguide transducers, helix to waveguide transitions as used in the traveling-wave tube and the gas-discharge noise generator. These are covered in fifteen published papers and nine patents.

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