

Abstracts

The Dicke Radiometer and Cosmic Radiation

D. Wilkinson. "The Dicke Radiometer and Cosmic Radiation." 1991 MTT-S International Microwave Symposium Digest 91.1 (1991 Vol. I [MWSYM]): 399-402.

R. H. Dicke initiated microwave radiometry in 1946 by inventing the instrument that still bears his name. Eighteen years later he initiated an important sub-field of cosmology by proposing that the universe is filled with microwave blackbody radiation left over from the Big Bang. The Dicke radiometer is widely used to check his idea and to learn new things about the early universe.

[Return to main document.](#)