

Abstracts

The Superconducting Resonator - A New Microwave Component

H. Zimmer. "The Superconducting Resonator - A New Microwave Component." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 39-39.

The surface conductance of superconductors in the frequency region of microwaves is by several orders of magnitude higher than that of normal conducting copper. This can be well understood from the two-fluid model of the superconductors and the non-local behaviour of the metallic electrons at low temperatures.

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