

Abstracts

The Hybrid Parametric Amplifier (1979 [MWSYM])

C.S. Aitchison and A.S Wong. "The Hybrid Parametric Amplifier (1979 [MWSYM])." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 504-506.

This paper describes in theory and in practice a non-degenerate non-oscillatory Parametric Amplifier called the Hybrid Parametric Amplifier. Practical measures confirm the theory and, in particular, at 30 MHz a noise temperature of 18°K coupled with a gain of 6dB is obtained.

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