

Abstracts

Parametric Amplification (Correspondence)

V. Uzunoglu. "Parametric Amplification (Correspondence)." 1963 *Transactions on Microwave Theory and Techniques* 11.3 (May 1963 [T-MTT]): 211-211.

According to Manley-Rowe power relations the difference of pump and signal frequencies yields the so-called negative resistance parametric amplifier. In this case, infinite gain is possible in contrast to the sum frequency amplifier or up-converter which has a finite gain determined by the pump and signal frequencies.

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