

Abstracts

Some Techniques of Microwave Generation and Amplification Using Electron Spin States in Solids

D.I. Bolef and P.F. Chester. "Some Techniques of Microwave Generation and Amplification Using Electron Spin States in Solids." 1958 Transactions on Microwave Theory and Techniques 6.1 (Jan. 1958 [T-MTT]): 47-52.

Possible modes of operation of two-level solid state masers utilizing the techniques of population inversion used in nuclear magnetic resonance are described. Methods of continuous operation of two-level masers and their usefulness as microwave generators are discussed.

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