

# Abstracts

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

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*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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