

# Abstracts

## Spectral Distribution of Thermal Noise in a Gas Discharge

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*S.M. Bergmann. "Spectral Distribution of Thermal Noise in a Gas Discharge." 1957  
Transactions on Microwave Theory and Techniques 5.4 (Oct. 1957 [T-MTT]): 237-238.*

By means of thermodynamic considerations it is shown under which conditions microwave noise power generated by a gas discharge can be considered thermal. A critical analysis of Mumford's hypothesis is made.

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