

# Abstracts

## Low Noise II GC Parametric Amplifier Using Refrigerated Silver Bonded Germanium Diode

---

S. Kita, K. Tahara and T. Masuda. "Low Noise II GC Parametric Amplifier Using Refrigerated Silver Bonded Germanium Diode." 1963 PTGMTT National Symposium Program and Digest 63.1 (1963 [MWSYM]): 93-98.

The authors had previously reported that the silver bonded germanium diode was suitable for a parametric amplifier and we have succeeded in parametric amplification at 11GC using this type of diode, and obtained a noise figure of 3.5 dB at room temperature.

[Return to main document.](#)