

# Abstracts

## Josephson Effect Gain and Noise in SIS Mixers (Comments and Authors' Reply)

---

*D.G. Jablonski and M.J. Wengler. "Josephson Effect Gain and Noise in SIS Mixers (Comments and Authors' Reply)." 1993 Transactions on Microwave Theory and Techniques 41.1 (Jan. 1993 [T-MTT]): 172-173.*

In their recent article, Wengler et al, report their observations and conclusions concerning the effects of Josephson currents on the microwave performance of superconductor-insulator-superconductor tunnel junction devices. I would like to caution that the authors seem poised to rediscover, the hard way, many lessons learned by researchers during the 1970s concerning the use of Josephson devices.

 [Return to main document.](#)