

# Abstracts

## Complementary X-Band TRAPATT Diodes

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*T.T. Fong and R.S. Ying. "Complementary X-Band TRAPATT Diodes." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 365-366.*

X-band n+p TRAPATT diodes have been fabricated and have shown better performance than their p+n complement. The low threshold power densities required to achieve the high efficiency oscillation have greatly enhanced their high duty and CW operation. The fabrication techniques for these high frequency devices and their performance in both pulsed and CW modes will be discussed.

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