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## MONOLITHICS—COMPONENTS

**Chairman: L. D. Cohen—Eaton Corp.**

**Session Abstract:** The purpose of this session is to present the State of the Art in Monolithic Technology for frequency tuning, attenuation, and frequency multiplication.

Monolithic tuned FET oscillators have shown great promise during this decade. In particular they hold the promise of low cost, high volume production replacing hybrid VCO's in current and future systems. Three papers discuss VCO's operating in C, X, and Ku band.

An attenuator is described with 30 dB dynamic range from DC to 50 GHz.

A monolithic distributed balanced multiplier has been designed and tested.

**10:30 am—12:00 noon, May 26, 1988  
Jacob Javits Convention Center, Hall 1E  
Room 1**