

Session A

(Joint with MMWMC)

Subsystems 2

Chairman:

J.G. Oaks
Raytheon ADC
Andover, MA

Co-Chairman:

T.A. Midford
Hughes Microwave Products Division
Torrance, CA

The second subsystems session covers T/R module and communication systems applications of GaAs MMICs. The first paper describes a wideband, G-18 GHz T/R module with less than 8dB noise figure and 24-26 dBm output power. A broadband preamplifier with 12 GHz response and a monolithic transimpedance amplifier extending from DC to 1.6 GHz optical communications systems will be described. Finally, a monolithic image rejection downconverter operating from 1.5 GHz to 2.5 GHz with a 0 to 100 MHz if will be discussed for application to public telephone networks.

8:00 a.m.-9:00 a.m., Tuesday, June 2, 1992
Kiva Auditorium