

Abstracts

Front Cover (1999 Vol. I [MWSYM])

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The following topics were covered: millimeter-wave oscillator circuits; modelling and analysis of generalised networks; surface and leaky waves on printed circuits; microwave oscillators; low noise components and design techniques; millimeter-wave mixer and multiplier technology; neural and distributed models for microwave circuits; field techniques; microwave digital circuits; microwave hybrid technology; millimeter-wave amplifiers and sources; optimisation and neural network techniques; commercial microwave sensor technology; frequency control circuits; very high power components and applications; HF/VHF/UHF power amplifiers; simulation techniques for CAD; passive remote sensing; nonlinear MOS and HBT modelling; high density subsystem packaging technologies; millimeter-wave applications; low noise MMICs; spatial power combining; interconnects and transitions; phased array and active antennas; GaAs technology; passive structures; optical processing of microwave signals; microwave photonic components; planar and coaxial filters; ferrite devices; active and MEMS filters; EM theory, analysis, techniques and application; time domain modelling; micromachined components; superconducting components; sensor applications; microwave measurement techniques; couplers and baluns.

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