

Abstracts

Front Cover (2000 Vol. I [MWSYM])

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The following topics were dealt with. Low-noise technology; millimeter-wave signal sources; millimeter-wave packaging; nonlinear CAD; frequency domain numerical techniques; wireless circuit techniques; MEMS switches and phase shifters; filters; semiconductor technology; time domain modeling; integrated transceivers; micromachining and MEMS technology; microwave digital circuits; time-domain modeling; transmission line elements; mixer techniques; superconducting components and technology; microwave photonics: packaging and assembly issues; microwave signal generation; nonlinear transistor modeling; HF/VHF/UHF power amplifiers and linearizers; active quasi-optics and spatial power combining; phased arrays; power amplifiers for handsets; modeling and optimization techniques; ferrite and SAW devices; biological effects and medical applications; microwave power amplifier technology; passive components; millimeter-waves and sub-millimeter-waves; wireless and cellular communications; couplers; broadband high frequency amplifiers; hybrid module techniques; ferroelectric devices; linear models of active devices; automotive sensors; linear and nonlinear network measurements; power amplifier linearization; periodic structures; applied sensor technology; frequency multipliers and switches; optical probing and millimeter-wave measurements; CPW and microstrip; and very high power components.

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