

Abstracts

Guest Editorial (Sep. 1990 [T-MTT])

R. Goyal and E.C. Niehenke. "Guest Editorial (Sep. 1990 [T-MTT])." 1990 Transactions on Microwave Theory and Techniques 38.9 (Sep. 1990 [T-MTT] (Special Issue on Multifunction MMIC's and their System Applications)): 1161-1163.

Commercial and military electronic systems require the use of a variety of sophisticated microwave and millimeter-wave circuit functions. These small, low-cost system components must exhibit highly reliable performance as they are adapted to both present and future needs. Circuit applications include transmit/receive modules for phased array radars, solid-state transmitters, down-converters for satellite receivers, optical receivers, microwave synthesizers, frequency converters and modulators, and additional integrated microwave functions. To meet present demands and develop new potential markets, there has been an extensive focus on the development of new processing technologies and circuits for multifunction MMIC's.

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