

Abstracts

Introduction (Aug. 1969 [T-MTT])

W.J. Getsinger. "Introduction (Aug. 1969 [T-MTT])." 1969 Transactions on Microwave Theory and Techniques 17.8 (Aug. 1969 [T-MTT] (Special Issue on Computer-Oriented Microwave Practices)): 415-415.

As Guest Editor of this computer-oriented special issue of the IEEE Transactions on Microwave Theory and Techniques, I've had a wide view of computer-oriented microwave engineering of 1968-69. In a very general way, here's how it looks to me now. Within microwaves, electromagnetic field analysts seem to be the group most fully converted to the computer. They have been reevaluating classical techniques and developing new techniques to solve boundary value problems by numerical methods. Problems which formerly could be solved only conceptually, or by excessive commitment of hand calculation, are now done in a few minutes or even seconds of machine time.

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