

Abstracts

Guest Editorial (Jan. 1972 [T-MTT])

H.E. Stinehelfer. "Guest Editorial (Jan. 1972 [T-MTT])." 1972 Transactions on Microwave Theory and Techniques 20.1 (Jan. 1972 [T-MTT] (Special Issue on Automated Microwave Measurements)): 2-2.

In the last decade almost all electrical measurements have been automated, computerized, or made obsolete by such changes. Microwave measurement techniques I taught ten years ago, using slotted lines, are almost a forgotten art. Users today are not buying much nonautomatic equipment for microwave measurements. I do not wish to imply that nonautomatic laboratory measurements are not of value, only that time and money does not allow such time-consuming methods to be used. The network analyzer, impedance plotter, antenna pattern recorders, and similar devices controlled by minicomputers have changed the microwave measurement techniques so that special training courses have had to be given to instruct engineers to use these new modern techniques.

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