

# Abstracts

## Resistivity of Thin Metal Films (Short Papers)

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*H.K. Chaurasia and W.A.G. Voss. "Resistivity of Thin Metal Films (Short Papers)." 1973  
Transactions on Microwave Theory and Techniques 21.1 (Jan. 1973 [T-MTT]): 51-52.*

It is shown that the sheet resistance, and hence the resistivity, of very thin metal films ( $<100$  Å) can be determined conveniently and accurately by microwave measurements. Accuracy is limited by VSWR measurement, film-holder design, and short-circuit quality. DC and microwave resistivity measurements are given for gold films on cleaved mica.

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