Abstracts

Addenda (Jul. 1954 [T-MTT])

1. G. A. Deschamps, "New Chart for the Solution of Transmission-Line and Polarization Problems," Trans. IRE Professional Group on Microwave Theory and Techniques, vol. 1, no. 1, pp. 5-13; March, 1953: In his article, "Die Anwendung der Riemannschen Zahlenkugel und ihrer Projectionen in der Wechselstromtechnik," (Radiowelt, vol. 1, pp. 23-26; October, 1946), F. Steiner obtained the representation of impedances by points on a sphere by the use of stereographic projection of the complex numbers plane. He then considered the orthogonal projection of this sphere on an equatorial plane which gives, in effect, the projective chart. An application of that chart to the determination of impedance by the 3-probes method, anticipating part of the results in the section titled, "Problems on Power," is also described.

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