

Abstracts

Electrical Characterization of Transferred Electron Devices by a Novel Galvanomagnetic Technique

J. McBretney and M.J. Howes. "Electrical Characterization of Transferred Electron Devices by a Novel Galvanomagnetic Technique." 1979 Transactions on Microwave Theory and Techniques 27.3 (Mar. 1979 [T-MTT]): 256-265.

A novel technique is described that utilizes a galvanomagnetic phenomenon for the characterization of transferred electron devices. It is shown that this technique offers important advantages over present techniques based on the use of dummy packages and thus represents a useful analytical tool for the optimum design of transferred electron amplifier and oscillator circuits.

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