

# Abstracts

## Feedback Effects in the GaAs MESFET Model (Letters)

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G.D. Vendelin. "Feedback Effects in the GaAs MESFET Model (Letters)." 1976 *Transactions on Microwave Theory and Techniques* 24.6 (Jun. 1976 [T-MTT] (Special Issue on Microwave Field-Effect Transistors)): 383-385.

GaAs MESFET models correctly predict a positive feedback conductance. The effect of common-lead inductance on Y<sub>12</sub> rising computer modeling techniques is examined. Experimental data are also included which indicate that the common-lead inductance of about 0.06 nH cannot be omitted from the model in order to accurately predict the feedback conductance.

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