

# Abstracts

## Simple LSA Circuits

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*J.M. Rodgers. "Simple LSA Circuits." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 242-243.*

LSA circuits built entirely from simple coaxial transmission line elements perform well at 4-16 GHz. The lumped-inductive, variable-loaded cavities are fully and precisely characterized. Optimized power, efficiency, frequency variation with bias conditions agree well with relaxation oscillator models, allowing engineered circuits to be designed for any operating regime.

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