

Abstracts

Microwave Imaging: Numerical Simulation and Results

M.F. Iskander, R. Maini and C.H. Durney. "Microwave Imaging: Numerical Simulation and Results." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 483-485.

The feasibility of using the linear reconstruction techniques in microwave imaging is examined numerically using the method of moments. Images of phantoms simulating biological objects are obtained using the algebraic reconstruction technique. The obtained resolution and sensitivity are discussed.

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