

Abstracts

High-Quality Image Reconstruction from Double Microwave Holograms (Short Papers)

H. Shigesawa, K. Takiyama and M. Nishimura. "High-Quality Image Reconstruction from Double Microwave Holograms (Short Papers)." 1976 Transactions on Microwave Theory and Techniques 24.8 (Aug. 1976 [T-MTT]): 529-531.

A new mode of microwave holography is described. This is based upon the simultaneous deconvolution applied to double holograms obtained at different positions in space and has produced markedly improved microwave images. The effectiveness of the present method is demonstrated in both simulations and experiments.

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