

Abstracts

Generation of nonminimum phase from amplitude-only data

*T.K. Sarkar and Bin Hu. "Generation of nonminimum phase from amplitude-only data." 1998 *Transactions on Microwave Theory and Techniques* 46.8 (Aug. 1998 [T-MTT]): 1079-1084.*

A method is presented for the generation of nonminimum phase from amplitude-only data. The nonminimum phase is generated utilizing the principles of causality and the Hilbert transform. The application of the theory has been applied to some antenna radiation-power patterns and to measured transfer functions of microwave filters to illustrate the applicability of this approach.

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