

# Abstracts

## VIOMAP, the S-Parameter Equivalent for Weakly Nonlinear RF and Microwave Devices (1994 Vol. III [MWSYM])

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*F. Verbeyst and M.V. Bossche. "VIOMAP, the S-Parameter Equivalent for Weakly Nonlinear RF and Microwave Devices (1994 Vol. III [MWSYM])." 1994 MTT-S International Microwave Symposium Digest 94.3 (1994 Vol. III [MWSYM]): 1369-1372.*

This paper presents the Volterra input-output map as an extension of the S-parameters towards weakly nonlinear RF and microwave devices. This 'VIOMAP' can be measured and it can be used to predict the behavior of cascaded nonlinear two-ports.

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