

# Abstracts

## Frequency Conversion in General Nonlinear Multiport Devices

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*V. Rizzoli, C. Cecchetti and A. Lipparini. "Frequency Conversion in General Nonlinear Multiport Devices." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 483-486.*

The conversion matrix of an arbitrary nonlinear multiport, operated in steady-state periodic regime, is defined and computed by a general straightforward approach. The results can be used to analyze the steady state for stability and generation of spurious, and to give a systematic solution to the generalized mixer problem. Some typical examples of application are presented and discussed.

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