

Abstracts

Volterra analysis of spectral regrowth

S.A. Maas. "Volterra analysis of spectral regrowth." 1997 *Microwave and Guided Wave Letters* 7.7 (Jul. 1997 [MGWL]): 192-193.

The author presents an analysis of the broadening of the bandwidth of narrowband modulated signals, commonly called spectral regrowth, caused by weak nonlinearities. The analysis uses Volterra methods and operates entirely in the frequency domain. It is applicable to signals having either discrete or continuous spectra.

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