

# Abstracts

## An algorithm with error bounds for calculating intermodulation products

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*I.W. Sandberg and G.J.J. van Zyl. "An algorithm with error bounds for calculating intermodulation products." 2000 Microwave and Guided Wave Letters 10.11 (Nov. 2000 [MGWL]): 463-465.*

We make use of newly obtained theoretical results concerning systems driven by asymptotically almost periodic inputs to obtain a useful algorithm with error bounds for calculating intermodulation products. The method is applicable to systems described by Volterra integral equations of the second kind that meet the circle criterion and satisfy some additional constraints. In this paper we show that an interesting family of circuits of practical interest can be analyzed using the algorithm.

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