

ON CORRECTNESS OF THE BASICS OF PALUMBO AND PENNISI'S MEANS OF HARMONIC DISTORTION CALCULATION IN ANALOG INTEGRATED CIRCUITS

Summary - It is shown that the method of Palumbo and Pennisi of harmonic distortion calculation is nothing else but a highly specialized variant of the analysis based on the Volterra series. Their power series-like description of a nonlinear system turns out to be a truncated Volterra series which is valid for only one type of input signals. Moreover, simple derivation of their basic but unclear formulae is presented here.