

Abstracts

An Analysis of Rucker's Multidevice Symmetrical Oscillator (Correspondence)

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The oscillator circuit proposed by Rucker to combine the output powers from several devices is analyzed. Because of the symmetrical structure of his oscillator, an eigenvector approach is employed with special care to overcome difficulties due to the inherent nonlinearity of the devices. It is shown that under appropriate conditions Rucker's circuit offers very stable operation. His experimental results are successfully interpreted in terms of our analysis.

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