

THE ACOUSTIC CHARACTERISATION OF CHUA'S CHAOS CIRCUIT

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Abstract

Chua's circuit has multiple applications - in politics, economics, telecommunications, technical physics, nanomaterial synthesis, biology - and is of interest thanks to the multitude of adjustment parameters in simulation processes. The paper presents the detailed acoustic analysis which represents a benchmark in relation to other technical systems, for example, DBD plasma.

Keywords: Chua's circuit, bifurcation, Matlab functions, sonogram, frequency, output
