APPLIED DYNAMICS GROUP SEMINAR

Discontinuous Cycles of The Forced Van der Pol Equation

MEHMET TURAN

Department of Mathematics, Atılım University

Abstract

The Hopf bifurcation is applied, through four transformations [1, 2, 3], to find limit cycles in the Van der Pol equation. This is the first time that non-linear surfaces of discontinuity are considered. Simulations are performed to illustrate the theory.

References

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