

Year: 2015

Vol.: 86

Fasc.: 3-4

Title: Structural stability and normal forms of piecewise smooth vector fields on \mathbb{R}^3

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The main goal of this paper is to exhibit normal forms of generic locally structurally stable piecewise smooth vector fields on \mathbb{R}^3 . Besides, we construct the homeomorphism that gives the topological equivalence between an element of a locally structurally stable subset of piecewise smooth vector fields and its respective C^0 -normal form.

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