

COMPLETE BIFURCATION DIAGRAM OF QUADRATIC SYSTEMS OF CLASS I

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Quadratic systems having a limit cycle can be split in three different normal forms, Classes I, II and III having respectively 4, 5 and 6 parameters. There exist some partial results of them, and some uncomplete attempts to classify Class I. In this paper, we make the complete study of this family.

Joint work with: L.M. Ferre, Man Jia and Hebai Chen.