

Full Title of your paper

Names of authors as they will be printed underneath the title

Abstract. Place your abstract here.

Mathematics subject classification: 34C05, 58F14.

Keywords and phrases: Place the principal keywords and phrases here. For example: polynomial differential systems, Darboux integrability, first integrals.

(Now, just paste in your \LaTeX paper)

1 Main remarks

Here are the following abbreviations used by the basm file:

Theorem 1. *The statement of the theorem.*

Proof. The respective proof. □

Lemma 1. *The statement of the lemma.*

Proposition 1. *The statement of the proposition.*

Affirmation 1. *The statement of the affirmation.*

Corollary 1. *The statement of the corollary.*

Claim 1. *The statement of the claim.*

Definition 1. The body of the definition. Attention: in a definition, only the *defined* item should be in italics.

Example 1. The body of the example.

Remark 1. The body of the remark.

Observation 1. The body of the observation.

2 Several more remarks

If you need to use some statements without numerations you could use the following abbreviations:

Theorem. *The statement of the theorem.*

Lemma. *The statement of the lemma.*

Proposition. *The statement of the proposition.*

Affirmation. *The statement of the affirmation.*

Corollary. *The statement of the corollary.*

Claim. *The statement of the claim.*

Definition. The body of the definition. Attention: in a definition, only the *defined* item should be in italics.

Example. The body of the example.

Remark. The body of the remark.

Observation. The body of the observation.

3 About the bibliography

The bibliography must be created according to the style of the `thebibliography` environment.

With respect to “style”, there are some requests:

- Authors’ names must be in ‘small caps’ (see examples below).
- The title of a book or paper must be in ‘italics’.
- The rest is plain, with the exception of volume numbers, which are bold. The concrete “coordinates” of the journal could be indicated according to the author’s preference.

References

- [1] CHAVARRIGA J., GIACOMINI H., LLIBRE J. *Uniqueness of algebraic limit cycles for quadratic systems*. J. Math. Anal. and Appl., 2001, **261**, 85–99.
- [2] JOUANOLOU J.P. *Equations de Pfaff algébriques*. Lectures Notes in Mathematics, Vol. 708, Springer-Verlag, New York-Berlin, 1979.
- [3] CAIRO L, LLIBRE J. *Phase portraits of quadratic polynomial vector fields having a rational first integral of degree 2*, Nonlinear Analysis **67** (2007), 327–348.

FIRST AUTHOR'S NAME

His address

E-mail: *First author's email address*

Received January 10, 1000

SECOND AUTHOR'S NAME

His address

E-mail: *Second author's email address*