1. SCHLOMIUK, D.; VULPE, N. The topological classification of a family of quadratic differential systems in terms of affine invariant polynomials. Bul. Acad. Ştiinte Repub. Mold. Mat. 2019, No. 2(90), 41- 56. ISSN 1024-7696.
2. OLIVERA, R.D.; REZENDE, A.S.; SCHLOMIUK, D; VULPE, N. Classification of the family of quadratic differential systems with invariant ellipses. Notas do ICMC (USP-Brazil) -Série Matemática, 446(2019), 1-40.
3. MOTA, M. C.; OLIVIERA, R. D. S.; REZENDE, A. C.; SCHLOMIUK, D.; VULPE, N. Geometric analysis of quadratic differential systems with invariant ellipses. NOTAS DO ICMC SÉRIE MATEMÁTICA. 2019, No. 447, Instituto de Ciências Matemáticas e de Computação, Universidade de São Paulo.
4. BUJAC, C; SCHLOMIUK, D.; VULPE, N. Configurations of the type $(3,1,1,1)$ for a family of cubic systems. CRM Preprint no. 3375, Montreal, November 2019, 1-53
5. ARTES, J.C.; LLIBRE J.; SCHLOMIUK, D. and VULPE, N. Abel quadratic differential systems of second kind. Preprint, núm. 3, 2019, Universitat Autónoma de Barcelona, 1-45.
6. OLIVERA, R.D.; REZENDE, A.S.; SCHLOMIUK, D. and VULPE, N. Quadratic differential systems possessing invariant ellipses: a complete classification in the space $\mathrm{R}^{\wedge}\{12\}$. Book of Abstracts of the conference Advances in Qualitative Theory of Differential Equations, June 17-21, 2019, Castro Urdiales, Spania, p. 16-17.
7. BUJAC, C.; SCHLOMIUK, D.; VULPE N. Configuration of the type $(3,1,1,1)$ for a subfamily of cubic systems. The 27th Conference on Applied and Industrial Mathematics (CAIM-2019), September 19-22, 2019, "Valahia" University, Târgovişte, România, Book of abstracts, 17-18.
8. BUJAC, C.; SCHLOMIUK, D.; VULPE N. Cubic sistems with invariant lines of total multiplicitz seven with configuration of the tyzpe $(3,3)$ and two real and two complex singular points at infinity. International Conference „Mathematics \& IT: Research and Education (MITRE-2019)", Chişinău, Republic of Moldova, June 24-26, 2019, Chișinău. Abstracts, p. 12 .
