

## Scientific Publications

### Vasile Brinzanescu

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14. *Simple filtrable 2-vector bundles on complex surfaces without divisors*, Rev. Roum. Math. Pures Appl., 31, No. 5, p.507–512, (1986); (joint with P. Flondor); MR. 88b:32065.
15. *Focal conics in A-type smectic liquid crystals*, Rev. Roum. Physics, 31, No. 5, p.517–522, (1986); (joint with S. Frunzã et al.; 4 authors).
16. *Invariant differential systems and local controlability*, Proc. Intern. Conf. on Automatic Systems, Bucharest 1987; (joint with P. Flondor et al.; 3 authors).
17. *Fibrati vectoriali pe suprafete nealgebrice*, Vol. Analizã Complexa, Edit. St. Encicl., Bucuresti 1988; (joint with P. Flondor); 32 p.
18. *Algebraic 2-vector bundles on ruled surfaces*, Ann. Univ. Ferrara - Sez. VII - Sc. Mat., vol. XXXVII, p.55–64, (1991); MR. 94a:14014.
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47. *Beilinson spectral sequences on rational scrolls*, (joint with M. Aprodu) in: Moduli spaces and vector bundles, ed. L. Brambila-Paz, S. Bradlow, O. Garcia-Prada and S. Ramanan, London Mathematical Society Lecture Note Series: 359, 426-436, Cambridge University Press 2009.
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56. *On the relationship between D'Angelo  $q$ -type and Catlin  $q$ -type*, (joint with A. C. Nicoara), *J. Geom. Anal.*, 25 (2015), no. 3, 1701-1719; DOI 10.1007/s12220-014-9490-5, published online: 26 April 2014.

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