

Curriculum Vitae

June 23, 2018

1 Personal

Name: Nicolae Buruiana
Born: 27.03.1954
Present position: Senior researcher III at IMAR Bucharest
e-mail: Nicolae.Buruiana@imar.ro

2 Studies

High School: "Al. I. Cuza" Alexandria 1969-1973
Military Service: October 1973-May 1974.
Undergraduate Studies: Univ. of Bucharest, 1974-1978,
B.S. in Mathematics, June 1978. Advisor: Prof. Lucian Badescu
Graduate Studies: Univ. of Bucharest, 1978-1979,
M.S. in Mathematics, June 1979. Advisor: Prof. Lucian Badescu
Doctoral Studies: Univ. of Bucharest, Ph.D. in Math., April 1993.
Thesis: Algebraic cycles on symmetric products and abelian varieties. Advisor:
Prof. Gheorghe Galbura

3 Employment

Researcher, INCREST Bucharest 1981-1990
Researcher, IMAR Bucharest 1990-1993
Senior researcher III, IMAR Bucharest, 1993-present

4 Research interests

Algebraic geometry. Algebraic curves. Abelian varieties.

5 Teaching experience

Algebraic geometry-University of Bucharest
Foundation of geometry-University of Bucharest

6 Talks

Stanley proof for the McMullen conjecture. Algebra Summer School, 2002 Eforie-Nord

7 Visits abroad

October 1993-April 1994 Univ. Paris 7 Postdoc fellowship

8 Publications

1. Varietatea Picard a unei curbe proiectiv e netede, Stud. si Cerc. Mat. vol. 31 nr. 5 1979 pag. 515-526
2. Sur les ouverts a frontiere lisse dans un espace de Hilbert, Bull. Math. de la Soc. Sci. Math. de Roumanie vol. 25(73) nr. 1 1981 pag. 9-13
3. On un enumerativ e formula of Schubert, Preprint INCREST 5/1982
4. Singular projective threefolds whose hyperplane sections are ruled non-rational surfaces, Rev. Roum. de Math. Pures et Appl. vol. XXXV nr. 8-10, 1990 pag. 663-668
5. Algebraic cycles on symmetric products and abelian varieties, Preprint IMAR 21/1995
6. Algebraic cycles on symmetric products and abelian varieties, Rev. Roum. de Math. Pures et Appl. vol. XLV nr. 4 2000 pag. 594-608
7. Argumentul lui Stanley pentru conjectura McMullen, IMAR Seminar Series 1/2003
8. On a Theorem of Ziv Ran concerning Abelian Varieties Which Are Product of Jacobians, (with C. Anghel) Journal of Mathematics (2015).
9. On large families of bundles over algebraic surfaces, (with C. Anghel) Journal of Geometry and Physics Vol. 100, 92-95, (2016).
10. (0; 2) Mirror symmetry on complete intersection surfaces, (with C. Anghel), in preparation.