

LIST OF PUBLICATIONS

13. *Sondow's conjecture, convergents to e , and p -adic analytic functions* with A. Zaharescu, *Mathematische Zeitschrift*, DOI 10.1007/s00209-019-02303-y
12. *A study of elliptic gamma function and allies*, with Wadim Zudilin, *Research in the Mathematical Sciences* 2018, DOI: 10.1007/s40687-018-0158-9
11. *An algebraic property of Hecke operators and two indefinite theta series*, with A. Popa, *Forum Math.*, vol. 27, No.2(2015), 915-928
10. *Pair correlation of angles between closed reciprocal geodesics on the modular surface*, with Florin P. Boca, Alexandru A. Popa and Alexandru Zaharescu, *Algebra and Number Theory*, vol.8, no.4, 2014
9. *On the Petersson scalar product of arbitrary modular forms*, with A. Popa, *Proc. Amer. Math. Soc.* 142 (2014), 753-760
8. *Modular forms and period polynomials*, with A. Popa, *Proc. London Math. Soc.* (2013) 107 (4): pag 713-743.
7. *Mod p congruences for cusp forms of weight four for $\Gamma_0(pN)$* , with M. Barcau, *International Journal of Number Theory* Vol. 07, No. 02, pp. 341-350(2011)
6. *Fusion rings arising from normal Hopf subalgebras*, with S. Burciu, *Algebra and Representation Theory*, volume 14/2011, pag. 41-55
5. *A Modular Symbol with Values in Cusp Forms*, preprint, arXiv:math/0611704v1
4. *p -adic Modular Symbols attached to CM-forms*, Thesis, Boston University, May 2005
3. *Universal triple Massey products on elliptic curves and Hecke's indefinite theta series*, with A. Polishchuk, *Moscow Mathematical Journal*, 5, 443-461(2005)
2. *Spectral Norms on valued fields*, with Popescu,N., Popescu,A., *Mathematische Zeitschrift*, 238, 101-114(2001)
1. *Theorems and Problems in classical geometry* (Romanian, with B.Buricea) Ed.Lotus, Craiova, ISBN 973-96010-7-3 ,(150 pages)(1995)

Preprints

14. *Moduli of hyperelliptic curves and multiple Dirichlet series*, with A. Diaconu
15. *On Ordered Contingency Tables* with Bogdan Ichim, and Florin Spinu