

LIST OF PUBLICATIONS

MUGUREL BARCĂU

1. M. Barcău: *A sharp estimate of the discriminator*, Nieuw Archief voor Wiskunde (4) 6 (1988), no. 3, pages 247-250.
2. M. Barcău: *The affine line modulo isogeny*, Thesis, The University of New Mexico, June 2001.
3. M. Barcău, A. Buium: *Siegel differential modular forms*, International Mathematics Research Notices (2002), no. 28, pages 1457-1503.
4. M. Barcău: *Isogeny covariant differential modular forms and the space of elliptic curves up to isogeny*, Compositio Mathematica 137 (2003), no. 3, pages 237-273.
5. S. Ahlgren, M. Barcău: *Congruences for modular forms of weights two and four*, Journal of Number Theory 126 (2007), pages 193-199.
6. M. Barcău, V. Paşol: *Mod p congruences for cusp forms of weight four for $\Gamma_0(pN)$* , International Journal of Number Theory Vol. 7, no. 2, (2011), pages 341-350.
7. F. Ambro, M. Barcău: *On representations by egyptian fractions*, Revue Roumaine de Mathématiques Pures et Appliquées 60 (2015), 3, pages 331-336.
8. M. Barcău, V. Paşol, C. Pleşca, M. Togan: *On a key exchange protocol*, Proceedings of SecITC 2017, Lecture Notes in Computer Science 10543, pages 187-200.
9. M. Barcău, V. Paşol: *Bounded Fully Homomorphic Encryption from Monoid Algebras*, available at <https://eprint.iacr.org/2018/584.pdf>.
10. M. Barcău, V. Paşol: *Ring Homomorphic Encryption Schemes*, available at <https://eprint.iacr.org/2018/583.pdf>.