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OBRAZOVANJE

PhD

1997.-2003. Doktorski studij, (PhD), University of Pittsburgh, USA
Doktorska disertacija pod nazivom “ Functions that commute with a given function” odbranjena 24. novembra 2002. godine, mentor prof.dr.C.-Y. Chao

1990. - 1996. Prirodno-matematički fakultet u Sarajevu, Odsjek za matematiku, smjer opšti.

ISTRAŽIVANJE

Moja oblast interesovanja su konačna polja i primjene u kombinatorici i kriptografiji.

NAUČNI RADOVI

16. (u koautorstvu sa GL Mullen, Q Wang) *On coefficients of powers of polynomials and their compositions over finite fields* - **arXiv preprint arXiv:1503.07487, 2015 – arxiv.org**
15. (u koautorstvu sa Alexander Pott, Enes Pasalic, Samed Bajric), *Vectorial quadratic bent functions as a product of two linearized polynomials*, The ninth Workshop on Coding and Cryptography 2015, April 13-17., Paris, France
14. (u koautorstvu sa Q. Wang) *The Multisubset problem for finite abelian groups*, accepted for publication in *Ars Mathematica Contemporanea* in 2014.
13. Amela Muratović-Ribić, Alexander Pott, David Thomson and Qiang Wang, *On characterization of a semi-multiplicative analogue of planar functions over finite fields*, *Contemporary Mathematics*, Vol 632 (2015) 317-325
12. Amela Muratovic-Ribic, Enes Pasalic:
A note on complete polynomials over finite fields and their applications in cryptography, *Finite Fields and Their Applications* 25: 306-315 (2014)
11. Samed Bajric, Enes Pasalic, Amela Muratovic-Ribic, Sugata Gangopadhyay:
On generalized bent functions with Dillon's exponents. *Inf. Process. Lett.* 114(4): 222-227 (2014)

10. Amela Muratovic-Ribic, Enes Pasalic, Samed Bajric:
Vectorial Bent Functions From Multiple Terms Trace Functions. IEEE Transactions on Information Theory 60(2): 1337-1347 (2014)
9. Amela Muratovic-Ribic, Enes Pasalic, Samir Ribic:
Vectorial Hyperbent Trace Functions From the \mathbb{P} Sap Class - Their Exact Number and Specification. IEEE Transactions on Information Theory 60(7): 4408-4413 (2014)
8. (u koautorstvu sa Q. Wang) *Partition and Composition over Finite Fields*, arxiv.org/pdf/1205.4250, poslan u Electronic Journal of Combinatorics, 20(1): P34 (2013)
7. (u koautorstvu sa Q. Wang) *On conjecture with prescribed range*, Finite Fields and their Applications, Vol. 18. Issue 4. (2012.) 728-737
6. (u koautorstvu sa Q. Wang) *On coefficients of polynomials over finite fields*, Finite Fields and their Applications, Vol. 17. Issue 6. (2011.) 575-599
5. Inverse of Some Classes of Permutation Binomials, *Journal of Concrete and Applicable Mathematics*, Vol. 7, No.1, (2009)
4. *A note on the coefficients of inverse polynomials*, Finite Fields and their Applications, 13 (2007), pages 977-980,
3. *Number of Values of Polynomial over Finite Field*, Zbornik Radova, PMF-Tuzla, Vol. II, No.3. (2007)
2. *Representation of Polynomials over Finite Fields with Circulants*, Sarajevo Journal of Mathematics, Vol.1 (13), (2005),
1. *Functions which commute with a given function*, UMI Dissertation Express- Search Results, <http://wwwlib.umi.com/dxweb/results>