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University of Rijeka
PhD University of Zagreb 1999.

Research interest: Combinatorial structures, Codes

Recent publications:

- [1] D. Crnković, S. Rukavina, L. Simčić, *Binary doubly-even self-dual codes of length 72 with large automorphism groups*, **Math. Commun.** **18** (2013), 297-308.
- [2] D. Crnković, B. G. Rodrigues, S. Rukavina, L. Simčić, *Self-orthogonal codes from orbit matrices of 2-designs*, **Adv. Math. Commun.** **7** (2013), 161-174.
- [3] D. Crnković, B. G. Rodrigues, S. Rukavina, L. Simčić, *Ternary codes from the strongly regular (45,12,3,3) graphs and orbit matrices of 2-(45,12,3) design*, **Discrete Math.** **312** (2012), 3000-3010.

Selected publications:

- [1] D. Crnković, S. Rukavina, M. Schmidt, *A Classification of all Symmetric Block Designs of Order Nine with an Automorphism of Order Six*, **J. Combin. Des.** **14, No.4** (2006), 301-312.
- [2] D. Crnković, S. Rukavina, *Construction of Block Designs Admitting an Abelian Automorphism Group*, **Metrika.** **62**, (2005), 2-3; 175-183
- [3] D. Crnković, S. Rukavina, *On some symmetric (45,12,3) and (40,13,4) designs*, **Journal of Computational Mathematics and Optimization** **Vol. 1, No.1** (2005), 55-63.
- [4] D. Crnković, V. Mikulić, S. Rukavina, *Block designs constructed from the group $U(3,3)$* , **J. Appl. Algebra Discrete Struct.** (2004), no.2, 69—81.
- [5] S. Rukavina, *2-(56,12,3) designs and their class graphs*, **Glas. Mat., Vol. 38 (58)** (2003), 201-210.