

# Общ списък на публикациите

1. H. Kostadinov, H. Morita and N. Manev, On Coded Modulation Based on Finite Rings of Integers, *Proc. of 2003 IEEE Symposium on Information Theory*, 2003, 156.
2. H. Kostadinov, H. Morita and N. Manev, Integer Codes Correcting Single Error of Specific Types ( $\pm e_1, \pm e_2, \dots, \pm e_s$ ) *IEICE Trans. Fundamentals*, E86-A (7), 2003, 1843-1849.
3. H. Kostadinov, H. Morita and N. Manev, BEP of Coded QAM using Single Error Correctable Integer Codes, *IEICE Technical Report*, 2004, 103-108.
4. H. Kostadinov, H. Morita and N. Manev, Derivation on Bit Error Probability of Coded QAM using Integer Codes, *Proc. of 2004 IEEE Symposium on Information Theory*, 2004, 540.
5. H. Kostadinov, H. Morita and A. J. Han Vinck, On Soft Decoding Coded QAM using Integer Codes, *International Symposium on Information Theory and its Applications (ISITA)*, 2004.
6. H. Kostadinov, H. Morita and N. Manev, Derivation on Bit Error Probability of Coded QAM using Integer Codes, *IEICE Trans. Fundamentals*, E87-A (12), 2004, 3397-3403.
7. H. Kostadinov, H. Morita and N. Manev, Coded Modulation with Single Error Correctable Integer Codes, *Proc. of Tenth International Workshop on Algebraic and Combinatorial Coding Theory (ACCT)*, 2006, 151-157.
8. H. Kostadinov, H. Morita, Ko Kamada and Adriaan J. van Wijngaarden, On Single Cross Error Correcting Integer Codes with Minimum-Energy

Signal Constellations, *Proc. of 2007 IEEE Symposium on Information Theory*, 2007, 26-30.

9. H. Kostadinov, H. Morita and N. Manev, Double  $(-1, +1)$ -Error Correctable Integer Codes and Their Applications to Modulation Schemes, *Proc. of Eleventh International Workshop on Algebraic and Combinatorial Coding Theory (ACCT)*, 2008.
10. H. Kostadinov, H. Morita, N. Iijima and N. Manev, On Some Simulation Results for BER Over Integer Coded Modulation Using Integer Codes, *Symposium on Information Theory and its Applications*, 2008, 245-250.
11. H. Kostadinov, H. Morita, N. Iijima and N. Manev, Double Error Correctable Integer Code and Its Application to QAM, *International Symposium on Information Theory and its Applications (ISITA)*, 2008, 566-571.
12. H. Kostadinov, H. Morita and N. Manev, On  $(-1, +1)$ - Error Correctable Integer Residue Codes, *Sixth International Workshop on Optimal Codes and Related Topics*, 2009, 117-125.
13. H. Kostadinov, H. Morita, N. Iijima, A. J. Han Vinck and N. Manev, Soft Decoding of Integer Codes and Their Application to Coded Modulation, *IEICE Trans. Fundamentals*, E93-A (7), 2010, 1363-1370.
14. H. Kostadinov, H. Morita and N. Manev, On  $(\pm 1)$  Error Correctable Integer Codes, *Twelfth International Workshop on Algebraic and Combinatorial Coding Theory*, 2010, 182-189.
15. H. Kostadinov, H. Morita and N. Manev, On  $(-1, +1)$  Error Correctable Integer Codes, *IEICE Trans. Fundamentals*, E93-A (12), 2010, 2758-2761.
16. H. Kostadinov, S. Boumova and N.L.Manev, Watermarking, Steganography, and Error-Control Codes, *American Institute of Physics Conference proceedings*, 1404, 2011, 193-199.
17. H. Kostadinov and N. Manev, On Codes for Flash Memory, *Proc. of the International Workshop on Algebraic and Combinatorial Coding Theory*, 2012, 197-202.

18. H. Kostadinov and N. Manev, On Integer Code Correcting Single Error of Type  $(-1,1,2)$ , *Proc of Seventh Int. Workshop on Optimal Codes and Related Topics*, 2013, 134-139
19. H. Kostadinov and N. Manev, Application of Error Control Codes in Steganography, *Proc. of the International Workshop on Algebraic and Combinatorial Coding Theory*, 2014 Svetlogorsk, Russia, September 2014, 18-23.
20. H. Kostadinov and N. L. Manev, Error Correcting Codes and Their Usage in Steganography and Watermarking, *Proceeding of 38th International Convention MIPRO*, 2015, 349-352.
21. H. Kostadinov and N. L. Manev, On the Probability of Error for Triangular Quadrature Amplitude Modulation, *Electronic Notes in Discrete Mathematics*, 2017, 127-132.
22. H. Kostadinov L. Kraveva and N. L. Manev, New Bounds for Probability of Error of Coded and Uncoded TQAM in AWGN Channel, *Studies in Computational Intelligence*, 2017, 75-85.
23. H. Kostadinov and N. L. Manev, Symbol and Bit Error Probability for Coded TQAM in AWGN Channel, *Procedia Computer Science*, 2017, 2110-2118.
24. H. Kostadinov and N. L. Manev, Integer Codes for Flash Memories, *Studies in Computational Intelligence* , 2018, 91-99.
25. H. Kostadinov and N. L. Manev, Embedding data into audio files: error characteristics and audible noise effect, *Proceedings of 16th International workshop on Algebraic and Combinatorial Coding Theory* , 2018, 66-71.
26. H. Kostadinov and N. L. Manev, On Digital Watermarking for Audio Signals, *Studies in Computational Intelligence* , 2019, 231-243.
27. B. Tsvetkov and H. Kostadinov, DLT Smart Contract Platforms for Software Lifecycle Management, *Proceedings of AMiTaNS'19, 2164* , 2019, 120015.
28. B. Tsvetkov, J. Jeliazkov and H. Kostadinov, Modern Software Lifecycle Management leveraging the power of Blockchain, *Proceedings of 17th*

*International workshop on Algebraic and Combinatorial Coding Theory*, 2020, 145-149.

29. J. Jeliaskov, B. Tsvetkov and H. Kostadinov, Research Incentivization based on Smart Contract Platform, *SProceedings of 17th International workshop on Algebraic and Combinatorial Coding Theory*, 2020, 77-82.
30. B. Tsvetkov and H. Kostadinov, Using DLT in Software Lifecycle Management, *Studies in Computational Intelligence*, 961, 2021, 393-404.
31. Ts. Tsokov and H. Kostadinov, System for Monitoring and Control of Vehicle's Carbon Emissions Using Embedded Hardwares and Cloud Applications, *Lecture Notes in Computer Science*, 12632, 2021, 564-577.
32. H. Kostadinov and N. Manev, Integer codes correcting asymmetric errors in nand flash memoriy, *Mathemetics* , Vol. 9(11), 2021, 1269.
33. H. Kostadinov and N. L. Manev, New Integer Coded Hexagonal QAM Schemes and Their Performance in AWGN Channel, *Studies in Computational Intelligence* , 1076, 2023, 100-110.
34. T. Alexandrova, H. Kostadinov and N. L. Manev, Watermarking Audio Signals: Analisys of Noise Effect and Error Characteristics, *Studies in Computational Intelligence* , 1111, 2023, 1-12.
35. H. Kostadinov and N. L. Manev, A General Construction of Integer Codes Correcting Specific Errors in Binary Communicatio Channels, *Mathematics*, Vol. 11(11), 2023, 2521.
36. Ts. Tsokov and H. Kostadinov, Dynamic network-aware container allocation in Cloud/Fog computing with mobile nodes, *Internet of Things*, 26, 2024, 101211.