List of papers accepted for ACCT 2010

1. A new idea for graph code decoding
   Valentine B. Afanassiev, Sergey A. Popov
   Institute for Information Transmission Problems, Moscow, Russia

2. On completely regular codes with covering radius 1 in Johnson graphs $J(2w+1, w)$
   Sergey V. Avgustinovich, Ivan Yu. Mogilnykh
   Sobolev Institute of Mathematics, Novosibirsk, Russia

3. Shadow under the word-subword relation
   Rudolf Ahlswede, Bielefeld University, Germany
   Vladimir S. Lebedev, Institute for Information Transmission Problems, Moscow, Russia

4. Classification of optimal $(v, 4, 1)$ optical orthogonal codes with $v \leq 76$
   Tsonka Baicheva, Svetlana Topalova
   Institute of Mathematics and Informatics, Sofia, Bulgaria

5. The spectrum of linear pure quantum $[[n, n-10, 4]]$-codes
   Daniele Bartoli, Stefano Marcugini, Fernanda Pambianco
   University of Perugia, Italy

6. Binary unequal error protection codes as a subclass of generalized (L, G)-codes
   Sergey V. Bezzateev, Natalia A. Shekhunova
   Saint Petersburg University of Aerospace Instrumentation, Russia

7. The generalization of some constructions by Megyesi to Hjelmslev planes
   Stoyan Boev, New Bulgarian University, Sofia, Bulgaria
   Ivan Landjev, Institute of Mathematics and Informatics,
   New Bulgarian University, Sofia, Bulgaria

8. Signing individual fragments of an RDF graph of unique Bulgarian bells
   Galina Bogdanova, Todor Todorov, Nikolay Noev
   Institute of Mathematics and Informatics, Sofia, Bulgaria

9. Cocharacters of polynomial identities of upper triangular matrices
   Silvia Boumova, Veselin Drensky
   Institute of Mathematics and Informatics, Sofia, Bulgaria

10. Computing distance distribution of orthogonal arrays
    Peter Boyvalenkov, Hristina Kulina
    Institute of Mathematics and Informatics, Sofia, Bulgaria

11. Idempotent generators of generalized residue codes
    Asen Bojilov, University of Tilburg, The Netherlands,
    sabbatical from University of Sofia, Bulgaria
    Arend Jan van Zanten, University of Tilburg,
    Delft University of Technology, The Netherlands
    Stefan M. Dodounekov, Institute of Mathematics and Informatics, Sofia, Bulgaria

12. Minimal distances in generalized residue codes
    Asen Bojilov, University of Tilburg, The Netherlands,
    sabbatical from University of Sofia, Bulgaria
    Arend Jan van Zanten, University of Tilburg,
    Delft University of Technology, The Netherlands
    Stefan M. Dodounekov, Institute of Mathematics and Informatics, Sofia, Bulgaria

13. Classification of binary linear codes with minimum distance 8
    Iliya Bouykliev, Institute of Mathematics and Informatics, V. Tarnovo, Bulgaria
    Eric Jacobsson, University of Gothenburg and Chalmers University of Technology,
    Gothenburg, Sweden

14. On odd order jacket matrices over finite characteristic fields
    Yuri L. Borissov, Stefan M. Dodunekov, Institute of Mathematics and Informatics,
    Sofia, Bulgaria
    Moon Ho Lee, Department of Information and Communication Engineering,
    Chonbuk National University, Korea

15. Lifting of completely regular codes with $\rho = 2$
    Quim Borges, Josep Rifa, Autonoma University of Barcelona, Spain
    Victor A. Zinoviev, Institute for Information Transmission Problems, Moscow,
    Russia

16. Using automorphisms group for decoding
    Christophe Chabot, Matthieu Legeay
    University of Rennes 1, France

17. On linear DNA codes for Stem distance
    Arcadij G. D'yachkov, Anna Voronina, A. Alekseev, D. Sharonov, Ju. Volkova
    Moscow State University, Russia

18. New sizes of complete arcs in $PG(2, q)$
    Alexander A. Davydov, Institute for Information Transmission Problems, Moscow,
    Russia
    Giorgio Faina, Stefano Marcugini, Fernanda Pambianco, University of Perugia,
    Italy

19. A geometric construction of complete arcs sharing $(q+3)/2$ points with a conic
    Alexander A. Davydov, Institute for Information Transmission Problems, Moscow, Russia
    Stefano Marcugini, Fernanda Pambianco, University of Perugia, Italy

20. Subcodes of Reed-Solomon code with special properties
    Alexander A. Davydov, Victor V. Zyablov, Rustam E. Kalimullin
    Institute for Information Transmission Problems, Moscow, Russia

21. Good quasi-cyclic binary and ternary codes
    Rumen Daskalov, Elena Metodieva
    Technical University of Gabrovo, Bulgaria

22. New arcs in $PG(2, 17)$ and $PG(2, 19)$
    Rumen Daskalov, Elena Metodieva
    Technical University of Gabrovo, Bulgaria

23. Cryptanalysis of block ciphers via list decoding of long Reed-Muller codes
    Ilya Dumer, University of California, Riverside, USA
    Rafael Fourquet, University of Paris, France
    Cedric Tavernier, Emirates Advanced Investment, National Knowledge Center, U.A.E.

24. On perfect codes in the Johnson graph
    Tuvi Etzion, Natalia Silberstein
    Technion – Israel Institute of Technology, Haifa, Israel

25. Insertion of erasures as a method of q-ary LDPC codes decoding
    Alexey A. Frolov, Victor V. Zyablov
    Institute for Information Transmission Problems, Moscow, Russia

26. Symmetries of a q-ary Hamming code
    Evgeny V. Gorkunov
    Novosibirsk State University, Russia

27. Algebraically decodable space-time codes
    Alexander A. Grigoriev
    Moscow Institute of Physics and Technology, Russia

28. A DHA FH OFDMA system with multiple users
    Fedor V. Groshev, Dmitrij S. Osipov
    Institute for Information Transmission Problems, Moscow, Russia

29. Fast recursive linearized feedback shift register synthesis
    Yahia Hassan, Vladimir Sidorenko
    University of Ulm, Germany

30. On the local weight distribution of an equitable partition
    Jong Yoon Hyun
    Postech University, Korea

31. Iterative decoding of product codes
    Jorn Justesen,
    USA

32. Enumeration of some Dyson sets
    Stoyan Kapralov
    Technical University of Gabrovo, Bulgaria

33. On (± 1) error correctable integer codes
    Hristo Kostadinov, Nikolai Manev, Institute of Mathematics and Informatics,
    Sofia, Bulgaria
    Hiroyoshi Morita, The Graduate School of Information Systems,
    University of Electro-Communications, Japan

34. Metrical rigidity of some q-ary codes
    Daria I. Kovalevskaya
    Novosibirsk State University, Russia

35. On the binary codes with parameters of triply-shortened 1-perfect codes
    Denis S. Krotov
    Sobolev Institute of Mathematics, Novosibirsk, Russia

36. On the reconstruction of a linear recurrence of maximal period over a Galois ring
    by it's highest coordinate sequence
    Alexey S. Kuzmin, Alexandr A. Nechaev
    Academy of Cryptography of Russian Federation, Moscow State University, Russia

37. On a class of Griesmer codes related to caps
    Ivan Landjev, Institute of Mathematics and Informatics,
    New Bulgarian University, Sofia, Bulgaria
    Assya Rousseva, Sofia University, Bulgaria

38. A novel class of element-wise-inverse jacket transform with many parameters
    Moon Ho Lee, Chonbuk National University, Korea
    Xiao-Dong Zhang, Shanghai Jiao Tong University, China
    Wei Song, Institute of Information and Communication,
    Chonbuk National University, Korea

39. Minimal complete arcs in $PG(2, q)$, $q \leq 32$
Stefano Marcugini, Alfredo Milani, Fernanda Pambianco
University of Perugia, Italy

40. Generalized BCH-theorem and linear recursive MDS-codes
Viktor T. Markov, Alexandr A. Nechaev
Moscow State University, Russia

41. New ternary linear codes of dimension 6
Tatsuya Maruta, Yusuke Oya
Osaka Prefecture University, Japan

42. Advanced encryption methods used in modern malware activities with respect to the information security
Eugene Nickolov, Dimitrina Polimirova
National Laboratory of Computer Virology, Sofia, Bulgaria

43. The nonexistence of $[265, 6, 175]_3$ and $[302, 6, 200]_3$ codes
Yusuke Oya, Tatsuya Maruta
Osaka Prefecture University, Japan

44. The Fermat curve $x^n + y^n + z^n$: the most symmetric non-singular algebraic plane curve
Fernanda Pambianco
University of Perugia, Italy

45. On completion of latin hypercuboids of order 4
Vladimir N. Potapov
Sobolev Institute of Mathematics, Novosibirsk, Russia

46. On the geometric intersection of Hamming codes
Josep Rifa, Merce Villanueva, Autonoma University of Barcelona, Spain
Faina Solov'eva, Sobolev Institute of Mathematics, Novosibirsk, Russia

47. Flash memories: a festival for combinatorial codes
Ulrich Tamm
Marmara University, Istanbul, Turkey

48. On multivariate interpolation decoding of folded Reed-Solomon codes
Petr V. Trifonov
Saint Petersburg State Polytechnic University, Russia

49. (b_1, b_2)-Optimal byte correcting codes
Vinod Tyagi, Amita Sethi
University of Delhi, India

50. Light-weight key predistribution scheme with key renewal
Alexey V. Urivskiy
JSC Infotecs, Moscow, Russia

51. Local spectra of eigenfunctions of binary cube
Anastasia Yu. Vasil'eva
Sobolev Institute of Mathematics, Novosibirsk, Russia

52. A fast linearized euclidean algorithm for decoding of Gabidulin codes
Antonia Wachter, Vladimir Sidorenko, Martin Bossert
University of Ulm, Germany

53. On reformulated multi-sequence problems
Alexandr Zeh, Wenhui Li
University of Ulm, Germany

54. Components of Steiner systems $S(v, k, k-1)$
Victor A. Zinoviev, Dmitrij V. Zinoviev
Institute for Information Transmission Problems, Moscow, Russia

55. Binary LDPC Woven Convolutional Codes Decoding
Victor V. Zyablov, Konstantin A. Kondrashov
Institute for Information Transmission Problems, Moscow, Russia

56. Majority decoding and decoding with erasure insertion of binary LDPC codes
Victor V. Zyablov, Pavel S. Rybin
Institute for Information Transmission Problems, Moscow, Russia