

List of Publications

Evgenia Velikova

Journal Articles

1. E. Velikova, *The weight distribution of the cosets leaders of ternary cyclic codes with generator polynomial of small degree*. to appear in Annuaire de l'Université de Sofia "St. Climent Ohridski", Faculté de mathématiques et informatique, Livre 1 - Mathématiques, Tome **97**, 2004.
2. E. Velikova, T. Baicheva, *On the computation of the weight distribution of the cosets of cyclic codes*. to appear in Annuaire de l'Université de Sofia "St. Climent Ohridski", Faculté de mathématiques et informatique, 2004.
3. K. Markov, K. Ivanova, I. Mitov, E. Velikova-Bandova, *Formal definition of the concept "INFOS"*, IJ "Information Theories and Applications" FOI ITHEA, vol. **11**, No. 1, pp. 16-19, Sofia, 2004.
4. K. Markov, K. Ivanova, I. Mitov, E. Velikova-Bandova, *The Information*, IJ "Information Theories and Applications" FOI ITHEA, vol. **10**, No. 1, pp. 5-9, Sofia, 2003.
5. Ts. Baicheva, E. Velikova, *Covering radii of ternary linear codes of small dimensions and codimensions*. IEEE Trans. Inform. Theory, vol. **43**, pp. 2057-2061, 1997.
6. E. D. Velikova, *A generalizations of some upper bounds on covering radius under an arbitrary additive metric*. Problems of Control and Information Theory, vol. **19** (5-6), pp. 445-450, 1990.
7. E. Velikova, *On the covering radius of some binary cyclic codes*. Annuaire de l'Université de Sofia "St. Climent Ohridski", Faculté de mathématiques et informatique, Livre 1 - Mathématiques, Tome **82**, pp. 119-125, 1988.
8. E. Velikova, *Bounds on covering radii of linear codes*. Comptes rendus de l'Académie Bulgare des Sciences, Tome **41**, No. 6, pp. 13-16, 1988.
9. E. Velikova, K. Manev, *The covering radius of cyclic codes of lengths 33, 35 and 39*. Annuaire de l'Université de Sofia "St. Climent Ohridski", Faculté de mathématiques et informatique, Livre 1 - Mathématiques, Tome **81**, pp. 215-223, 1987.

Conference Proceedings

1. Ts. Baicheva, E. Velikova, *Least covering radius of three-dimensional codes over $GF(3)$* . Proc. of XXV Spring Conference of UMB, Kazanlak, pp. 68-71, 1996.
2. Ts. Baicheva, E. Velikova, *Covering radius of two-dimensional codes over $GF(3)$* . Proc. of XXIV Spring Conference of UMB, Svishtov, pp. 147-151, 1995.
3. E. Velikova, *The covering radius of two-dimensional codes over $GF(4)$* . International Workshop on Algebraic and Combinatorial Coding Theory, Novgorod, pp. 190-193, Russia 1993.
4. K. Manev, E. Velikova, *The covering radius and weight distribution of cyclic codes over $GF(4)$ of lengths up to 13*. Proc. II Intern. Workshop on Algebraic and Combinatorial Coding Theory, Leningrad, pp. 150-153, USSR, 1990.
5. E. Velikova, *Covering radius of some cyclic codes*. Proc. International Workshop on Algebraic and Combinatorial Coding Theory, Varna, pp. 165-169, Bulgaria 1988.

Books

1. Евгения Великова-Бандова, Записки по кодиране - Двоични шумозащитни кодове. Второ разширено и допълнено издание. ФОИ - КОММЕРС, ISBN 954-16-0030-1, София 2004.
2. Евгения Великова-Бандова, Записки по кодиране - Двоични шумозащитни кодове. ФОИ - КОММЕРС, ISBN 954-16-0018-2, София 2001.
3. Евгения Великова-Бандова, Записки по кодиране - Циклични кодове. ФОИ - КОММЕРС, ISBN 954-16-0020-4, София 2001.