

# Bent Functions: Results And Applications To Cryptography By Natalia Tokareva

**By Natalia Tokareva**

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Tokareva Natalia Nikolaevna: Tokareva N.N. Symmetric cryptography. N. N. Tokareva, Bent functions: results and applications.  
[http://www.mathnet.ru/php/person.phtml?&personid=25259&option\\_lang=eng](http://www.mathnet.ru/php/person.phtml?&personid=25259&option_lang=eng)

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## **WCC 2011 - Program -**

A Survey of Old and Recent Results Antoine Joux; 12:05 A construction of bent functions from plateaued functions Natalia Shekhunova; Wednesday April 13. 9

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tokareva@math.nsc.ru International Conference BFCA Boolean Functions: Cryptography and Applications P. Results on bent functions // J. Comb <http://cyberleninka.ru/article/n/bent-funksii-rezultaty-i-prilozheniya-obzor-rabot>

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5760 IEEE TRANSACTIONS ON INFORMATION THEORY, VOL. 60, NO. 9, SEPTEMBER 2014 New Constructions of Quadratic Bent Functions in Polynomial Form Nian Li, Xiaohu Tang <http://www.maths.ed.ac.uk/~aar/papers/litang.pdf>

## **Algebraic immunity of bent functions of the Dillon -**

The algebraic immunity of a Boolean function of  $n$  Tokareva, N N (2009) Bent Functions: Results and Applications. Vectorial Boolean Functions for Cryptography. <http://link.springer.com/article/10.1134/S1990478914040097>

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Towards the classification of self-dual bent functions in eight variables. and applications to Golden space-time coded modulation. ISIT 2009: Natalia Tokareva:

<http://dblp.uni-trier.de/pers/hd/s/Sol=acute=:Patrick>

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