

# Intellectual and Adaptive Methods for Ensuring of the Information Network Security

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*Abstract:* The paper describes the successful implementation of stochastic methods of ensuring the information security of the network as a firewall system with intellectual and adaptive properties based on genetic algorithms and the use of invoice “traps” are considered in this article.

*Key words:* distributed attacks, firewall, genetic algorithmization.

## REFERENCES

- [1] V. Olifer, N. Olifer. Komp'yuternye seti. Principy, Tehnologii, protokoly. 4-e izd. – SPB.: Piter, 2010. – 944 s.: il.
- [2] Rastrigin L.A. Statisticheskie metody poiska. M.: Nauka. 1968. 376 s.
- [3] Shherbakov P. S. Generirovanie ustojchivyh polinomov // Stohasticheskaja optimizacija v informatike. 2009. Vyp. 5. S. 65-90.

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