



Zurab Kochladze

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## Experience

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2005-present Iv. Javakhishvili Tbilisi State University, Tbilisi, Georgia, Associate Professor, Faculty of Exact and natural Sciences, Department of Computer Sciences, Chair of Applied informatic.

1993-2005 Tbilisi State University, Tbilisi, Georgia, docent, Faculty of Applied Mathematics and Computer Sciences, Chair of cybernetic.

1975-1993 Tbilisi State University, Tbilisi, Georgia, Senior teacher, Faculty of Applied Mathematics and Computer Sciences, Chair of cybernetic.

## Education

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1993 Georgian Technical University, Tbilisi, Georgia, Ph. D. (Control of technical systems).

Tbilisi State University, Tbilisi, Georgia. Faculty of Cybernetic. Diploma Physicist-Cybernetic.

## Research Interests

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Artificial Intelligence Systems

Contemporary Cryptography

### Teaching Courses

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Intelligence systems

The Technologies of Information Assurance

Information Security

The Agents Theory in Decisions Making Systems

## Selected Publications

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1. Z. Kochladze & L. Beselia Cracking of the Merkle – Hellman Cryptosystem Using Genetic Algorithm Transactions of Science and Technology. 3(1-2), pp. 291-296, (2016).
2. Z. Kochladze, L. beselia The Use of Genetic Algorithms in Cryptanalysis. Proceedings of I. Vekua Institute of Applied Mathematics, Vol. 30, 2016, pp. 51-54.
3. Z. Kochladze Modified Version of the Hill's Algorithm.

GESJ: Computer Sciences and Telecommunication. No.3 (43), 2014, pp. 33-36.

4. G.Besiashvili, T. Bliadze and Z. Kochladze Application of Adaptive Neural Networks for the Filtration of Spam.  
EPiC Series in Computer Science Vol. 36, 2015. pp. 42 -50.
5. Z.Kochladze About Principles of Search in Conceptual Knowledge Bases. Proceedings of the COMPUTATIONAL INTELLIGENCE) CI'09) WEAS press. 2009, pp.342-344.
6. Z.Kochladze, A. Oganezov On One Possible Approach to the Problem of Recognizing Planar Figures (in Russian). Proceedings of TSU series of Applied Mathematics Computer Science, Vol. 364 (24), 2005, pp. 149-156.
7. Z. Kochladze About One Method of Calculating Probabilistic Concepts Using the Conceptual System Analysis (in Russian). Proceedings of TSU, ser. Cybernetics and Applied Mathematics, vol. No. 316, 1993
8. Z. Kochladze, B. Klardjeishvili, A. Maisuradze On Some Problems of the Creation of an Automated System for the Conceptual Management of Complex Discrete-Continuous Production Systems (in Russian). Materials IV MOKII, Tbilisi, September 3-8, 1975, Tbilisi 1976, pp. 210-216.
9. Z. Kochladze, V. Chavchanidze Recognition of Visual Images on the Basis of Analytical Methods of Concept Formation (in Russian). Bulletin of the Academy of Sciences of the Georgian SSR, Vol. 70, No 1. 1973.
10. V. Chavchanidze , Z. Kochladze On the Possibility of Creating Conceptual Business Games (in Russian). Bulletin of the Academy of Sciences of the Georgian SSR, Vol. 70, No 3. 1973, pp.565-567.