



Faculty of Exact & Natural Sciences, Chair
of Technical Informatics Iv. Javakhishvili
Tbilisi St. University, Room 325, University
st. 13, Tbilisi 0186, Georgia

Phone: (+995 32) 304694, Mobile: (+995 99)
222704, e-mail: maia.archuadze@tsu.ge,
maianino@gmail.com.

Maia Archuadze

Experience

2007-present Iv.Javakhishvili Tbilisi State University, Tbilisi, Georgia, Asist. Professor,
Faculty of Exact and natural Sciences, Department of Computer Sciences. Chair of
Technical Informatics

1998-2007 Iv.Javakhishvili Tbilisi State University, Faculty of Physic, Headl of information
measuring instruments laboratory, Senior Teacher.

Education

2017 Iv.Javakhishvili Tbilisi State University , PHD, Doctoral program „Computer
Sciences”. Computing Doctor.

1989 Iv.Javakhishvili Tbilisi State University, Faculty of Physic, Quantum RadioPhysic
Master's degree,

Research Interests

1. Databases,
2. Information Retrieval,
3. Big Data;
4. Unstructured Data Processing,
5. Quantum Informatics,
6. Natural language Processing,
7. Machine learning

Teaching Courses

1. Computer skills and information technology
2. Data bases (SQL SERVER, ORACLE)

Performed Selected Projects

2016- Georgian Documents Classification Methods. Iv.Javakhishvili Tbilisi State University

Selected Publications

- 1 **Manana khachidze, Magda Tsintsadze, Maia Mrchvadze**; *Natural Language Processing based Instrument For Classification of Free Text medical Record-* BioMed Research International ,Volume 2016 (2016), Article ID 8313454, 10 pages, <http://dx.doi.org/10.1155/2016/8313454>
- **Manana khachidze, Magda Tsintsadze, Maia Archvadze, Gela Besiashvili**: *Concept Pattern Based Text Classification System Development for Georgian Text Based Information Retrieval*. Baltic J. Modern Computing, Vol. 3 (2015), No. 4, pp. 307–317
- **Manana khachidze, Magda Tsintsadze, Maia Mrchvadze, Gela Besiashvili** ;*Concept pattern formation in semantic search problem*. GESJ. Georgian Electronic Scientific Journal, Computer Science and Telecommunications. 2014, No 2(42) pp. 13-20 http://www.gesj.internetacademy.org.ge/en/list_artic_en.php?b_sec=comp&issue=2014-09
- **M.Khachidze, M.Tsintsadze, M.Archvadze, G.besiashvili** *Complex System State Generalized Presentation Based on Concepts*; Proceeding : 8th International Conference on Application of Information and Communication Technologies – AICT 2014. Kazakhstan, Astana. Pp. 559-569
- **M.khachidze; M.Tsintsadze; M.Archvadze; G.besiashvili**; *The Method of Concept Formation for Semantic Search*; Conference Proceeding :International Conference on APPLICATION of INFORMATION and COMMUNICATION TECHNOLOGIES (2013) Baku, Azerbaijan. Pp: 132-137.
- **M.Archvadze,D.Khachidze,N.Ninoshvili,N.Khachidze**; *Dental Self-diagnostic Information System Based on the Natural Language Processing*. eRA-11 International Scientific Conference. Greece, Pireus. 2016.
- **M.Khachidze,M.Tsintsadze,M.Archvadze,G.Besiashvili**; *Short Text Classification Application in Automated Workflow Management Systems*. eRA-11 International Scientific Conference. Greece, Pireus. 2016.