

**Inga Abuladze's
Bibliography 1999-2024**

Books:

1. **I. Abuladze. Object Oriented Programming and Applications based on Python, IT Consulting Center at GTU.** ISBN 978-9941-8-5765-2, Tbilisi, Georgia, 2023, pages: 121. (Format A4)
 2. **I. Abuladze. Programming Language Python.** "Technical University", ISBN 978-9941-28-856-2, Tbilisi, Georgia, 2021, pages: 76. (Format A4)
 3. **Abuladze, N. Gabashvili, T. Gabashvili. Windows Server Operating System.** "Technical University", ISBN ISBN 978-9941-28-814-2, 2021, Tbilisi, Georgia, 2021, pages: 180. (Format A4)
 4. **I. Abuladze. C++ Programming Language.** "Technical University", ISBN 978-9941-20-955-50, Tbilisi, Georgia, 2019, pages: 135.
 5. **I. Abuladze, Z. Tsveraidze. C++ Programming Language.** "Technical University", ISBN 978-9941-20-885-0, Tbilisi, Georgia, 2017, pages: 74.
 6. **I. Abuladze. VBA Programming Language.** "Technical University", ISBN 978-9941-20-082-3, Tbilisi, Georgia, 2012, pages: 255.
 7. **I. Abuladze. Laboratory Work in VBA Language.** "Technical University", ISBN978-9941-14-792-0, Tbilisi, Georgia, 2010, pages: 33.
 8. **A. Prangishvili, Z. Gasitashvili, I. Abuladze, V. Tsverava. Language GPSS World of Simulation Modelling and Models of Complex Systems.** "Technical University", ISBN 978-9941-14-278-9, Tbilisi, Georgia, 2009, pages: 352.
 9. **A. Prangishvili, Z. Gasitashvili, I. Abuladze, V. Tsverava. Methodological Guidelines for Laboratory and Practical Works in GPSS WORLD.** "Technical University", ISBN 978-9941-14-174-4, Tbilisi, Georgia, 2008, pages: 104.
 10. **I. Abuladze. Language of Programming Turbo Pascal.** "Technical University", ISBN 978-99940-952-8-5, Tbilisi, Georgia, 2007, pages: 50.
 11. **A. Prangishvili, Z. Gasitashvili, I. Abuladze. Computer Technologies of Management and Planning of Traffic Streams (Monograph).** "Technical University", ISBN 99940-57-66-9, Tbilisi, Georgia, 2007, pages: 236.
 12. **I. Abuladze. Fundamentals of Programming – Laboratory Works.** "Technical University", ISBN ISBN99940-57-50-2, Tbilisi, Georgia, 2006, pages: 45.
 13. **I. Abuladze. Laboratory Practical in Programming (in Russian).** "Technical University", ISBN 99940-40-99-5, Tbilisi, Georgia, 2005, pages: 38.
 14. **I. Abuladze. Turbo Pascal (in Russian).** "Technical University", ISBN 99940-43-95-5, Tbilisi, Georgia, 2002, pages: 84.
-
1. **I. Abuladze, T. Gabashvili, N. Gabashvili. Operating Systems Versions Comparison (WINDOWS_10/11).** Transactions Automated Control Systems, ISSN 1512-3979 (print), EISSN 1512-2174 (online), Tbilisi, Georgia, N1(33), Vol.1., 2022, pages: 136-141.
 2. **I. Abuladze, N. Gabasvili, T. Gabashvili. Cloud Services in Information Technology.** Transactions Automated Control Systems, №1(25), 2018, pages: 121-125.
 3. **I. Abuladze, N. Gabasvili, T. Gabashvili. Opportunity Windows Server 2016.** GEORGIAN ENGINEERING NEWS, ISSN 1512-0287, Tbilisi, Georgia, 2017, no2(Vol.82), pages: 62-71.
 4. **I. Abuladze, V. Tsverava,. Finding Methods for Improving Teacher Relationships in Education Institutions of Georgia.** Georgian Electronic Scientific Journals, Education Sciences and Psychology, "Technical University", ISSN 1512-1801, Tbilisi, Georgia, 2013, no. 4(26).

5. **I. Abuladze, V. Tsverava. A. Of the Georgian Mechanical Engineering Companies Effective Functioning and Issue Management.** *International Refereed and reviewed Scientific Journal "Social Economics"*, ISSN 1987-7471, Tbilisi, Georgia, 2013, no.1(25), pages: 71-79.
6. **I. Abuladze, V. Tsverava. Improving Economic Efficiency by Modelling the System of Municipal Public Transport.** *International Refereed and reviewed Scientific Journal "Social Economics"*, ISSN 1987-7471, Tbilisi, Georgia, 2012, no.3(21), pages: 50-53.
7. **I. Abuladze, V. Tsverava. Research of Mathematic Problems of Systems of the Radiolocation Identification of the Elements of Transport Streams.** *Georgian Electronic Scientific Journals, Computer Sciences and Telecommunications, "Technical University"*, ISSN 1512-1232, Tbilisi, Georgia, 2012, no. 3(35).
8. **Z. Gasitashvili, I. Abuladze, V. Tsverava. To Question of Target Search of Controlling Parameters of Traffic lights warning of the automated control system of road traffic.** *Georgian Electronic Scientific Journals, Computer Sciences and Telecommunications, "Technical University"*, ISSN 1512-1232, Tbilisi, Georgia, 2011, no. 3(32).
9. **I. Abuladze, V. Tsverava. Concerning the Harmonization of Georgian Accounting System With International Standards.** *P. Gugushvili Institute of Economics, International Scientific-Analitical Journal "EKONOMISTI"*, ISSN 1987-6890, Tbilisi, Georgia, 2011, no. 2, pg. 37-43.
10. **I. Abuladze, Z. Gasitashvili, V. Tsverava. To Question Road Traffic of Automated Control System Processing in Georgia.** *Georgian Electronic Scientific Journals, Computer Sciences and Telecommunications, "Technical University"*, ISSN 1512-1232, Tbilisi, Georgia, 2010, no. 5(28).
11. **V. Tsverava, I. Abuladze. To Question of Development of Object-Oriented Model of Accounting Basis of Data (in Russian).** *Georgian Electronic Scientific Journals, Computer Sciences and Telecommunications, "Technical University"*, ISSN 1512-1232, Tbilisi, 2010, no. 4(27).
12. **I. Abuladze, V. Tsverava. Question of Methodology of Accomplishment of Evidential Matter of the Account Receivable the Enterprises (in Russian).** *P. Gugushvili Institute of Economics, International Scientific-Analitical Journal "EKONOMISTI"*, ISSN 1987-6890, Tbilisi, Georgia, 2010, no. 6, pages: 46-50.
13. **Z. Gasitashvili, I. Abuladze, V. Tsverava. On One Problem of a Clearly Formulated Technical Task as a Necessary Element (in Russian).** *Georgian Electronic Scientific Journals, Computer Sciences and Telecommunications, "Technical University"*, ISSN 1512-1232, Tbilisi, Georgia, 2009, no. 3(20).
14. **Z. Gasitashvili, I. Abuladze, V. Tsverava. Review of Contemporary Modelling Systems for Computer Network Analysis.** *Georgian Electronic Scientific Journals, Computer Sciences and Telecommunications, "Technical University"*, ISSN 1512-1232, Tbilisi, Georgia, 2009, no. 2(19).
15. **I. Abuladze, V. Tsverava. Determination of Actual Values of Passenger Streams in Municipal Passenger Traffic Circuit With Using oh the Information Technologies.** *Transactions, Georgian Technical University*, ISSN 1512-0996, Tbilisi, Georgia, 2009, no. 4(474), pages: 52-56.
16. **I. Abuladze, V. Tsverava. Computer Modelling and Modern Aspects of Sociology.** *Transactions, Georgian Technical University*, ISSN 1512-0996, Tbilisi, Georgia, 2009, no. 4(474), pages: 48-51.
17. **Z. Gasitashvili, I. Abuladze, V. Tsverava. System of Traffic Flow Monitoring on the Basis of Information Technologies.** *Transactions, Automated Control Systems, "Technical University"*, ISSN 1512-3979, Tbilisi, Georgia, 2008, no. 1(4), pages: 172-176.
18. **Z. Gasitashvili, I. Abuladze. Road Network Monitoring in Geoinformation System Environment.** *Transactions, Georgian Technical University*, ISSN 1512-0996, Tbilisi, Georgia, 2007, no. 2 (464), pages:46-49.
19. **A. Prangishvili, Z. Gasitashvili, I. Abuladze. Road Network Control Model Using Modified Petri Net.** *Transactions, Automated Control Systems, "Technical University"*, ISSN 1512-3979, Tbilisi, Georgia, 2006, no. 1, pages: 143-145.

20. **I. Abuladze**, V. Tsverava. **Automatic System of Municipal Traffic Streams Control.** *Georgian Electronic Scientific Journals, Computer Sciences and Telecommunications, "Technical University"*, Tbilisi, Georgia, 2006, no. 4(11).
21. A. Prangishvili, Z. Gasitashvili, **I. Abuladze.** **Model of Road Traffic Organization Planning System.** *Scientific-Technical Journal TRANSPORT*, ISSN 1512-0910, 2006, no. 1(21), pages: 22-25.
22. Z. Gasitashvili, A. Prangishvili, **I. Abuladze.** **The City's Transportation Infrastructure Planning Organizational Problems.** *Scientific-Technical Journal TRANSPORT*, ISSN 1512-0910, 2006, no. 1(21), pages:26-30.
23. **I. Abuladze.** **Description of Effective Planning Components of Road System on the Basis of Petri Net.** *Monthly Scientific Reviewed Journal of Georgian Academy of Sciences*,ISSN 0130-7061, Tbilisi, Georgia, 2006, no.1-3, pages:51-54.
24. Z. Gasitashvili, A. Prangishvili, **I. Abuladze.** **The Light Signals Describing by Use Modified Petri Net.** *Monthly Scientific Reviewed Journal of Georgian Academy of Sciences*,ISSN 0130-7061, Tbilisi, Georgia, 2005, no. 10-12, pages: 36-39.
25. G. Gogichaishvili, Z. Gasitashvili, **I. Abuladze.** **The Architecture of Automatic System of Managing Traffic Torrents.** *Periodical scientific journal "INTELECTI"*,ISSN 1512-0333, Tbilisi, Georgia, 2005, no.3(23), pages: 61-64.
26. N. Pepanashvili, **I. Abuladze.** **Microprocessor Testing Schemes Using Random Codes.** *Transactions, "Technical University"*, ISSN 0201-7164, Tbilisi, Georgia, 1999, no. 2(426), pages: 85-87.

Scientific Conferences:

1. **I. Abuladze**, N. Abramidze, T. Khotcholava. **Computer Model of Marketing Process Management.** *International Scientific Conference – „Usage of Information Technologies II“*, Samtskhe-Javakheti State University, Akhaltsikhe, Georgia, November 28, 2023.
2. **I. Abuladze**, N. Maglakelidze, S. Iashvili,. **The role of Artificial Intelligence in Education.** *International Scientific-Practical Conference "Modern Challenges and Achievements in Information and Communication Technologies - 2023"*, Tbilisi, Georgia, October 12-13, 2023.
3. **I. Abuladze**, S. Vachnadze, N. Maglakelidze. **The Role of the Electronic Library in the Post-Pandemic Period.** *The XIII International Conference of the Georgian Mathematical Union*, Batumi, Georgia, September 4–9, 2023.
4. **I. Abuladze**, N. Maglakelidze, I. Megrelishvili. **The role of artificial intelligence for the effectiveness of the educational process.** *International Scientific-Practical Conference "Innovations and Modern Challenges-2022"*, Tbilisi, Georgia, November 18-19, 2022. ISBN 978-9941-28-944-6.
5. **I. Abuladze**, M. Okhanashvili, N. Gabasvili, T. Gabashvili. **Solving Artificial Intelligence Tasks Using Machine Learning Methods.** *The XII International Conference of the Georgian Mathematical Union*, Batumi, Georgia, August 29 - September 3, 2022.
6. **I. Abuladze.** **The Role of Machine Learning in Educational Institutions.** *The Fifteenth International Scientific Conference "Education, Science, Innovation in the Post-Pandemic Period"*, Gori State Teaching University, Gori, Georgia, 2022.
7. **I. Abuladze**, M. Okhanashvili. **Artificial Intelligence - the Main Challenge of the 21st Century and Creating a Smart Robot.** *XIV International Scientific Conference of Gori State Teaching University "Education, science and Innovations: Georgia and the Outside world"*, Gori, Georgia, 2021 ISSN 2587-4683.
8. **I. Abuladze**, V. Tshverava. **Models of Management Organization of Traffic Road on the Basis of Information Technologies.** *XI International Scientific Conference: "Education and Science in the XXI Century: Reality, Challenges, Perspectives"*, Gori State Educational University, Gori, Georgia, 2018.
9. **I. Abuladze**, Z. Gasitashvili. **Computer Models Efficient Management of Transport Streams.** *Scientific-Practical Conference "Digital Technologies: Today and challenges"*, Georgian Technical University, Tbilisi, Georgia, 2018.

10. **I. Abuladze.** Simulation Modeling of Land Fund Management. *Scientific-Practical Conference "Digital Technologies: Today and challenges"*, Georgian Technical University, Tbilisi, Georgia, 2018.
11. **I. Abuladze, N. Gabasvili, T. Gabashvili.** **Processing of Imitation Model's for Efficient Management of Drugstore System.** *The International Scientific Conference "Internationalization of Higher Education: Challenges and Perspective"*, Gori State Teaching University, Gori, Georgia, 2017.
12. **I. Abuladze.** **To Use Innovative Information Technology for Tourism Business Development in Georgia.** *The Thens International Scientific Conference "Internationalization of Higher Education: Challenges and Perspective"*, Gori State Teaching University, Gori, Georgia, 2017.
13. **I. Abuladze.** **Concept and Perspectives of Cloud Computing.** *The Ninth International Scientific Conference "Management of Education: Current Challenges and Development Perspectives"*, Gori State Teaching University, Gori, Georgia, ISSN 978-9941-27-521-7, 2016, pages: 73-76.
14. **I. Abuladze.** **Concept of Cloud Computing (in English).** SCCTW'2016 South-Caucasus Computing and Technology Workshop (Thesis).
15. **I. Abuladze, N. Maglakelidze.** **Diagnose Cancer at an Early Stage and its Treatment Method Using Nanotechnology.** *The Eighth International Scientific Conference "Education in the XXI Century"*, Gori State Teaching University, Gori, Georgia, ISSN 978-9941-0-9413-2, 2015, pages:161-165.
16. **I. Abuladze, M. Darchashvili.** **Build Model Marketing Processes by use UML Technology and Electronic Table.** *Students III Republican Scientific Conference "Information Technologies and their Application"*, Samtse-Javakheti State Teaching University, Akhaltsikhe, Georgia, 2015, pages: 17-20.
17. **I. Abuladze, G. Chugoshvili.** **Social Networks: Yesterday, Today, Tomorrow.** *Students III Republican Scientific Conference "Information Technologies and their Application"*, Samtse-Javakheti State Teaching University, Akhaltsikhe, Georgia, 2015, pages: 49-51.
18. **I. Abuladze, N. Maglakelidze, N. Gabasvili, T. Gabashvili.** **Perspectives of Nanotechnology Development.** *The seventh International Conference "Education, Economy and Sustainable Development"*, Gori State Teaching University, Gori, Georgia, ISSN 978-9941-0-7894-1, 2014, pages: 110-112.
19. **I. Abuladze, D. Kirvalidze, L. Kacheishvili.** **Computer Store's Model and Software.** *Student's 82-th Open International Scientific Conference*, Georgian Technical University, Tbilisi, Georgia, 2014, pages: 309.
20. **I. Abuladze, V. Baramidze, G. Winwalashvili.** **Student's Academic Performance of Model Software on VBA Language.** *Republican Scientific Conference of Student's "Information Technologies and Applications"*, Samtskhe-Javakheti State Teaching University, Akhaltsikhe, Georgia, 2014, pages: 18-1
21. **I. Abuladze, S. Abesalashvili, Q. Borashvili.** **Evolutionary Development Way of Computers to Quantum Computers.** *Republican Scientific Conference of Student's "Information Technologies and Applications"*, Samtskhe-Javakheti State Teaching University, Akhaltsikhe, Georgia, 2014, pages: 13-14.
22. **I. Abuladze, N. Maglakelidze.** **Student's Academic Performance System and Software Development.** *The Sixth International Conference "Modern Challenges of Education"*, Gori State Teaching University, Gori, Georgia, ISSN 978-9941-0-6764-8, 2013.
23. **I. Abuladze, B. Arevadze.** **Work on Imitation Model for Rising the Efficiency of Drugstore Network.** *Republican Scientific Conference of Student's "Information Technologies and Applications"*, Samtskhe-Javakheti State Teaching University, Akhaltsikhe, Georgia, 2013.
24. **I. Abuladze, N. Sekhniashvili, A. Berikashvili.** **The Marketing Research Process Management Model and Software.** *Student's 79-th Open International Scientific Conference*, Georgian Technical University, Tbilisi, Georgia, 2011.
25. **I. Abuladze, N. Meskhishvili.** **The History of Created and Development of Computer.** *Student's 79-th Open International Scientific Conference*, Georgian Technical University, Tbilisi, Georgia, 2011.

26. **I. Abuladze**, M. Lomtadidze. **Founders of Computer Science**. *Student's 79-th Open International Scientific Conference*, Georgian Technical University, Tbilisi, Georgia, 2011.
27. Z. Gasitashvili, **I. Abuladze**, Tsverava V. **Analysis of Contemporary Conception of Construction of the Simulation Models of Business-Processes and Computer Networks**. *International Scientific-Technical Conference "Automated Control Systems and Modern Information Technologies"*, GTU, ISSN 1512-3979, Tbilisi, Georgia, 2011 #1(10), pages: 161-164.
28. Z. Gasitashvil, **I. Abuladze**. **The Automated System of Effective Planning of the Transport Infrastructure (in Russian)**. *The International Scientific Conference Devoted to the 80-th anniversary of Academician I.V. Prangishvili "Information and Computer Technologies, Modelling, Control"*, GTU, Tbilisi, Georgia, November 1-4, 2010, pages: 85-87.
29. **I. Abuladze**, A. Janshiiev. **The Student's of Estimate System in VBA Language**. *Student's 78-th Open International Scientific Conference*, Georgian Technical University, Tbilisi, Georgia, 2010.
30. Z. Gasitashvili, **I. Abuladze**. **Internet as the Means of Committing Computer Crimes**. *International Scientific Conference "Information Technologies 2008"*, Georgian Technical University, Tbilisi, Georgia, 2008, pages: 305-308.
31. **I. Abuladze**, V. Tsverava. **Model of Road Traffic Organization Planning in Geoinformational System Environment**. *International Scientific Conference "Information Technologies 2008"*, Georgian Technical University, Tbilisi, Georgia, 2008, pages: 271-274.
32. A. Prangishvili, Z. Gasitashvili, **I. Abuladze**. **Model of Effective Control of Traffic Flow**. *International Scientific Conference "Information Technologies in Control" – ITC'07*, Georgian Technical University, Tbilisi, Georgia, 2007, pages: 103-106.
33. **I. Abuladze**. **Methodology of Optical Analyzers Organization and Basic Problems of its Accomplishment**. *Reports of enlarged sessions of the seminar of I. Vekua Institute of Applied Mathematics, Tbilisi University press*, ISSN 1512-0066, Tbilisi, Georgia, 1999, Vol. 14, no. 4, pages: 3-