

Curriculum Vitae - FUAD ALESKEROV

Marital Status: married, three children

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www.ipu.ru/engl/people/aleskerov/aleskerov.htm

EDUCATION

1969--1974, Student, Mathematics Faculty, Moscow State University

1974, Graduated from the Moscow State University

1981, Ph.D. in Control in Socio--Economic Systems (thesis title 'Interval Choice')

DISTINCTIONS AND AWARDS

1993, Doctor of Science in Social Choice Theory (thesis title 'Local Aggregation Models')

- First prize: Vavilov's Scientific Society, 1986
- Second prize: All--Union Exhibition on Advanced Studies, 1989.
- First prize: Popov's Scientific Society, 1989.
- Award 'Golden Vyshka' by the State University 'High School of Economics' for the scientific achievements, 2004
- Honorary Worker of Science and Technology of Russian Federation, 2011
- First Prize of the Institute of Control Sciences of Russian Academy of Sciences for the construction of the models, technical means and software on the control of nature-technological systems for the development of mineral deposits (team includes F.Aleskerov, O.Belova, I.Durgaryan, V.Pavel'ev, A.Paschenko, F.Paschenko, A.Shubladze, V.Yakuba)
- Medal of the Order "For Merit II" (Decree of the President of Russia on 21.12.2013)
- Letter of Gratitude for organization of VII-XV April International Academic Conferences on economic and social development (2007-2014, HSE Moscow) signed by Professor Evgeny Yasin, the chairman of the Conferences
- Letter of gratitude for the organization of XII All-Russian Meeting on Control Problems signed by Professor Stanislav Vassilev, Director of the Institute of Control Sciences of Russian Academy of Sciences, July 7, 2014

- Letter of gratitude, The World Union of Progressive Judaism, September, 2016
- Certificate of Honor from Russian Jewish Congress, 2016
- Letter of gratitude from the government of Russian Federation
- Walter Scott Award of International Academy of Information Technology and Quantitative Management for remarkable record of creativity in enhancing the theory, algorithm, education and applications of information technology, December 2017
- Best Paper Award of International Conference on Information Technology and Quantitative Management, New Delhi, India, December 8-10, 2017
- Best paper award for the paper «Parkinson's disease: network analysis of publications' influence» (joint work with A.Buldyaev, O.Khutorskaya, A.Yamilov) on 7th International Conference «Computers Communication and Control» (ICCCC 2018), Oradea, Romania, May 8-12, 2018

2018 - elected the member of Academia Europaea, 2018, https://www.ae-info.org/ae/Member/Aleskerov_Fuad

EXPERIENCE

2013, 2014, 2017 - Visiting Professor, University College, Molde, Norway
 2009 - present – Head of the International Decision Analysis Laboratory, National Research University Higher School of Economics, Moscow
 2008 – Visiting Professor, Kiel, Germany
 2006, 2007 – Visiting Professor, International Centre on Economic Research, Turin, Italy
 2003 –present – Head, Department of Mathematics for Economics, National Research University Higher School of Economics, Moscow, Russia
 2002 - Visiting Professor, Ecole National Superior de Telecommunication, Brest, France
 2002, 2004, 2011 - Visiting Professor, University of Turku, Turku, Finland
 2001, 2016, 2017, 2018 – Visiting Professor, University Paris 1 (Pantheone, Sorbonne), France
 1995 -- 2001, Visiting Professor, Bogazici University, Bebek, Istanbul, Turkey
 1992, 1994--1995, Visiting Professor, California Institute of Technology, Pasadena, California, USA
 2001 – Present, Mark Aizerman Chair on Choice Theory and Decision Analysis, Institute of Control Sciences of Russian Academy of Sciences, Moscow
 1991—1998 - Head of Research Department, Institute of Control Sciences of Russian Academy of Sciences, Moscow
 1998-2001, Leading Researcher, Institute of Control Sciences of Russian Academy of Sciences, Moscow
 1989--1991, Research Sector Head, Institute of Control Sciences of Russian Academy of Sciences, Moscow
 1986--1989, Senior Researcher, Institute of Control Sciences of Russian Academy of Sciences, Moscow
 1980--1985, Junior Researcher, Institute of Control Sciences of Russian Academy of Sciences, Moscow
 1975--1980, Ph.D student, Institute of Control Sciences of Russian Academy of Sciences, Moscow
 1975--present, Institute of Control Sciences of the Russian Academy of Sciences (formerly, Institute of Automation and Remote Control, USSR Academy of Sciences)

OTHER PROFESSIONAL ACTIVITIES

Member of

- The Society for Social Choice and Welfare (1998-present, member of the Council 2008-2014);
- International Economic Association (member of the Executive Council, 2011-2017)
- American Mathematical Society (1979-present);
- New Economic Association, Russia (2009-present),
- National Committee on Automation Control, Russia;
- Royal Economic Society (UK) (2015-present);
- Expert Committee on Social Sciences, Finnish Academy of Sciences, 2013;
- the Program Committee of the I International Conference ‘Informational Technologies and Quantitative Management’, Suzhou, China, May 16-18, 2013; III International Conference Information Technologies and Quantitative Management, Rio de Janeiro, Brazil, July, 2015; V International Conference Information Technologies and Quantitative Management, New Delhi, India, December, 2017
- the Program Committee of the International Conferences on Operational Research, Moscow, 2008, 2010, 2013, 2016, 2018
- the Program Committee of the International Conferences on Mathematical Modeling of Social and Economic Dynamics (MMSED), Moscow, 2006, 2008, 2010
- Member of the Scientific Council of the Russian Academy of Architecture and Construction Sciences, 2016-present
- Adjunct-professor of the University of Chinese Academy of Sciences (2013-2016)

Founder and Head:

- All---Russian Conference on Models of Non--Numerical Information Processing;
- All – Russian Seminar on Mathematical Analysis of Decisions in Economics, Business and Politics (from 2004).

Head, Co-Chairman:

1. All - Russian Seminar on Ordinal Data Processing (from 1989)
2. Vice-Chairman of VIII – XIX April International Conferences on Modernization of Economy and Globalization (Moscow, Russia), 2007 – 2018
3. Chairman of the Program Committee of the X Meeting of the Society for Social Choice and Welfare, Moscow, 2010
4. Program Committee of the II International Conference ‘Informational Technologies and Quantitative Management’, Moscow, Russia, June 3-5, 2014

Invited Expert:

1. United Nations environmental summit, Rio de Janeiro, 1991;
2. Administration of the President of Russia Federation, 1993;
3. Yapi Kredi Bank (Turkey), 1996 – 2001
4. AEG ‘Metro’ (Germany), 2007-2008

Many other companies and governmental organizations

Member of Editorial Board for the journals:

- Mathematical Social Sciences,
- Automation and Remote Control,
- Political Studies (TBF),
- Control Problems (in Russian)
- Large-Scale Systems Control (in Russian),

- Politeia (in Russian),
- Economic Journal HSE (in Russian),
- Business-informatics (in Russian),
- Journal of New Economic Association (in Russian), vice-editor-in-chief
- Mathematical Game Theory and its Applications
- International Journal of Information Technologies and Decision Making
- Annals of Data Analysis
- Group Decisions and Negotiation
- International Journal of Computers Communications & Control
- Proceedings of the Institute of System Analysis of the Russian Academy of Sciences (in Russian)

Other activities

2008 – present, Head of the Board of the Congregation ‘Le Dor va Dor’ of the World Union of Progressive Judaism, Moscow, Russia

2017- present, member of the Executive Board of the World Union of Progressive Judaism, Jerusalem, Israel

Invited Speaker:

- 1) 1) II All-Union Conference on Statistical and Discrete Analysis of Ordinal Data, Tallinn, 1984
- 2) II All-Union Seminar ‘Applied Problems of Macrosystems Management’, Moscow, 1987
- 3) All-Union Conference ‘Modelling of Regional Economics’, Tashkent, 1988
- 4) All-Union Conference on Modern Technologies and Software, Rostov-on-Don, 1988
- 5) III All-Union Conference on Combinatoric-Statistical Methods on Information Analysis and Data Processing, Odessa, 1990
- 6) International Symposium on Social Choice Theory, Schlossen, Austria, 1994
- 7) II International Conference «System Identification and Control Problems», Moscow, 2003
- 8) International Conference Mathematical Modelling of Social and Economic Dynamics (MMSED - 2004), Moscow, 2004
- 9) 4-th International Conference on Operational Research, Moscow, September 2004
- 10) International Workshop ‘Constitutional and Scientific Quandaries’, Turin, Italy, June 2005
- 11) International Workshop «Voting Power and Procedures’, Warrick, UK, July 2005
- 12) International Workshop «Mathematics and Democracy: Voting Systems and Collective Choice’, Erice-Sicily, Italy, September 2005
- 13) V International Conference ‘System Identification and Control Problems’, Moscow, Institute of Control Sciences, 2006
- 14) International Seminar on Public Choice, Turku, Finland, 2007
- 15) 1st International Conference on Business-informatics, Moscow, 2007
- 16) Alessandria University, Italy, May 23, 2008
- 17) University Ca Foscari, June 3, 2008
- 18) University of Maryland, USA, October 13, 2008
- 19) Harvard University, USA, October 16, 2008
- 20) MIT, USA, October 17, 2008
- 21) Duke University, USA, October 20, 2008
- 22) California Institute of Technology, USA, October 22, 2008
- 23) UCLA, USA, October 23, 2008
- 24) Rochester University, USA, October 29, 2008

- 25) International seminar 'New Developments in Social Choice and Welfare Theories', France, Caen, June 10, 2009
- 26) International seminar 'Rules, Games and Democracy', Turku, Finland, 7.-9.9.2009
- 27) Sabanci University, Istanbul, Turkey, 06.11.2009
- 28) International Seminar 'Computational Foundations of Social Choice', Dagshtul, Germany, 07-12.03.2010
- 29) International seminar Voting Power and Procedures – 2010, Shateau Buffy, Normandy, France, July 29, 2010
- 30) Erich Schneider Seminar in Kiel University, Germany, 07.02.2011
- 31) International seminar Voting Power in Practice, London School of Economics, March 20, 2011
- 32) Seminar on the Research Centre of the Bank of Finland (BOFIT), Helsinki, Finland, May 4, 2011
- 33) Seminar of the Public Choice Research Centre, University of Turku, Finland, May 9, 2011
- 34) Seminar of the Research Centre of Modern Economics, Bilgi University, Istanbul, May 14, 2011
- 35) Research Seminar of the Azerbaijan Economic University, June 20, 2011
- 36) Annual Conference ASSET 2011, October 27-29, 2011
- 37) Meeting of the Presidium of Russian Academy of Sciences, the paper 'Theory of Social choice', 31.01.2012
- 38) Invited lecture "New Decision Concepts and their use to evaluate a Vigor of Agents in Large Networks" on the 3d International seminar «Models of Influence and Network Theory (MINT3)» in the Centre of Economic Studies of the University Paris 1 (Pantheone, Sorbonne), May 15, 2012
- 39) Invited paper "Power in Organizations: Theory and Applications" in the Centre of Rationality in Hebrew University of Jerusalem, Israel, 04.11.2012
- 40) Invited paper "Power in Groups: Theory and Applications" on Murat Sertel Workshop on Advances in Economic Design, Paris, 15.11.2012
- 41) Invited paper 'Interval orders, semiorders and their numerical representation' on the International Symposium 'Clusters, rankings, trees: methods and applications', Moscow, HSE, December 12, 2012
- 42) Invited paper 'Comparisons and Choice Based on Thresholds' on the International Conference dedicated to the 20th Anniversary of New Economic School, Moscow, December 16, 2012
- 43) Invited paper «Power in groups with application to the distribution of power to IMF», University of Chinese Academy of Sciences, Beijing, China, May 14, 2013
- 44) Invited paper «Voting power indices and the distribution of power in Weimar Republic parliament» on the 1st International seminar «Quantitative analysis in political science», Moscow, HSE, May 22-24, 2013
- 45) 4 Invited lectures «Game Theory 2: Decision Making Models», 5 lectures (Molde University College, Norway, 07-12.10.2013)
- 46) Plenary paper "Choice procedures for big data analysis", 7th International Conferences on Operational Research, Moscow (ORM2013), October 16, 2013
- 47) Invited lecture «Power in groups with application to the distribution of power to IMF» in the University of Chinese Academy of Sciences, Beijing, China, 14.05.2013
- 48) Invited paper «Voting power indices and the distribution of power in Weimar Republic parliament» on the 1st International seminar «Quantitative analysis in political science», Moscow, HSE, May 22-24, 2013
- 49) Plenary paper 'Choice procedures for Big Data Analysis', 7th Moscow International Conference on Operations Research (ORM2013), October 15-19, 2013
- 50) Invited paper 'Choice procedures in big data analysis' on the International Seminar «Power, Games, and Fairness», Turku, Finland, 25-26.10.2013

- 51) 3 Invited lectures ‘Applied Decision Making Problems’, University of Turku, Finland, 29 - 31.10.2013
- 52) Invited Lecture ‘Power in Groups. Does the number of seats define a power of party in parliament?’, in the series of lectures ‘University open to the city’, Central Museum of Modern History of Russia’, Moscow, 07.11.2013
- 53) Invited lecture “Applied Projects for Banks and Firms made in the International Laboratory of Decision Analysis and Choice” on the seminar Business Informatics Challenge for RDET Cooperation between Austrian and Russian Institutions, Vienna, Austria, 13.11.2013
- 54) Invited paper “Ethnic Diversity and Tension: An Attempt to Measure”, NES – APET Workshop on Diversity and Public Policy, Moscow, December 14-15, 2013 (joint work with R.Kamalova, V.Kostomarov, F.Lipacheva)
- 55) Master-class on political modeling at the Interdisciplinary seminar on Political Economy in the European University in Saint Petersburg, 13.03.2014
<http://sanktpeterburg.bezformata.ru/listnews/fuada-aleskerova-po-teorii-vibora/18187827/>
- 56) Plenary paper «Choice Procedures in Big Data Analysis» on the 5th International Conference on Computers Communications and Control, ICCCC2014, Băile Felix, Oradea, România, May 7-9, 2014
- 57) Plenary paper «Choice Procedures in Big Data Analysis» на конференции 2d International Conference on Informational Technologies and Quantitative Management, ITQM-2014, Moscow, Russia, June 3-5, 2014
- 58) Plenary paper “Choice models for Big data Analysis” on the XII All-Russian Meeting on Control Problems, Moscow, Institute of Control Sciences, June 16-19, 2014
- 59) Plenary paper «Power in Groups: Theory and Applications», The Eighth International Conference Game Theory and Management 25-27 June, 2014 St. Petersburg, Russia
- 60) Plenary paper “Choice models for Big data analysis” on the Conference “Big data in national economy” Moscow, hotel Corston, 21.10.2014 <http://www.ospcon.ru/node/680.html>
- 61) Plenary paper “Choice models for Big data analysis” on the VIII All-Russian Conference ECOMOD-2014, Moscow, Computer Centre of the Russian Academy of Sciences, 22.10.2014
- 62) 3 lectures – “Hazards and Risk Management”, “Risks Aggregation Models”, “How to write articles and PhD dissertations” in Molde University College (Molde, Norway), 29 – 31.10.2014
- 63) Invited paper “A Model of Decision Making on Stock Exchange” on the seminar on discrete mathematics, optimization and decision making, University Paris-1, Pantheon Sorbonne, Paris, 09.12.2014
- 64) Invited paper “On the Analysis of Demand on Higher Education with Application to Russia” on the seminar on economic theory, University Paris-1, Pantheon Sorbonne, Paris, 12.12.2014
- 65) Invited paper “How to stop a leaving from the retail network customer?”, The Conference “Big Data-2015”, Moscow, Event-hall “Infospace”, 24.03.2015
- 66) Honorary lecture “Is it so bad that we cannot recognize black swans?”, Moscow, HRU HSE, 09.04.2015
- 67) Invited paper «Choice Procedures in Big Data Analysis» on the seminar of the Adam Smith Business School of the University of Glasgow, UK, 20.04.2015
- 68) Invited paper “Forecast of the demand on the higher education” on the 1st Russian Conference “Sociophysics and socioengineering”, Moscow, Lomonosov Moscow State University, 09.06.2015
- 69) Plenary paper “An analysis of potential conflict zones in Arctic area”, Second International Conference on "Energy, Sustainability and Climate Change" ESCC 2015, Crete, Greece, June 21-27, 2015

- 70) Invited paper “A vulnerability of regions to natural disasters”, 2nd International Conference on Dynamics of Disasters, Kalamata, Greece, 29.06-02.07.2015
- 71) Invited paper “A vulnerability of regions to technological disasters”, 2nd International Conference on Dynamics of Disasters, Kalamata, Greece, 29.06-02.07.2015
- 72) Plenary paper “Models for analysis of consumers’ behavior for a large retail network” on the III International Conference Information Technologies and Quantitative Management -15. Rio de Janeiro, Brazil, 21.07.2015
- 73) Three lectures on “Advances in Decision Making Theory and Applications” given on the Volkswagen Summer School organized by Freie Universität of Berlin and National Research University Higher School of Economics, Berlin, September 28 – October 3, 2015
- 74) Plenary paper “Power distribution in large networks”, VI Moscow Supercomputer Forum, 29.10.2015 <http://www.osp.ru/iz/mscf>
- 75) Invited paper “Social Choice Rules and their Manipulability” on COST Meeting, Istanbul, Turkey, 02-04.11.2015
- 76) Invited paper “Ethnic and Religious Conflicts: models of early forecast”, Moscow all-Russian Summit “Open Data-2015”, Moscow, 10.12.2015
- 77) 3 lectures on decision making theory in January mathematical term, Education centre «Sirius» (the foundation «Talent and success»), Sochi, 5-7 January 2016
- 78) Lecture «Game theoretic models of decision making» in the series «University opened to the city », Moscow, Russian chess club, 22.03.2016
- 79) Plenary paper “On the specific features of math teaching in Higher School of Economics”, The Conference “Mathematical training of the students in economics”, Centre Wolfram – technologies in education. Saint Petersburg State Economic University, Saint Petersburg, 25.03.2016
- 80) Invited lecture “How political decisions are made?”, in Educational Program “Economic Faculty” of the Foundation InLiberty and the Egor Gaydar’s Foundation, Moscow, 31.03.2016
- 81) Plenary paper ‘On the specific features of teaching mathematics to students-economists in the National Research University Higher School of Economics’, Centre Wolfram-technologies, Saint Petersburg State Economic University, Saint Petersburg, 25.03.2016
- 82) Invited lecture ‘A Model to evaluate the demand on higher education’, Centre Wolfram-technologies, Saint Petersburg State Economic University, Saint Petersburg, 25.03.2016
- 83) Invited lecture ‘How political decisions are made?’, Educational program of the Foundation InLiberty and Gaidar Foundation, Moscow, 31.03.2016
- 84) Three invited lectures on decision theory, PostNauka Academy, Moscow, 05.04.2016, 06.04.2016, 08.04.2016
- 85) Invited lecture in Free University (Berlin, Germany) “Key Nodes Detection in Networks: Methods”, Berlin, Germany, 04.05.2016
- 86) Invited paper «Old and New Measures of Centrality: Applications on Religion, Migration, Foreign Trade and Conflict” on DFG Research Workshop on Religion & Economic Behavior: Evidence from Russian Orthodox and German Protestant Groups, Berlin, Germany, 06.05.2016
- 87) Plenary paper «Power in Networks» on The Sixth International Conference on Network Analysis NET 2016, Nijniy Novgorod, Russia, 26-28.05.2016
- 88) Invited lecture «Is there the best option of social choice?» in TEDx Sadovoye Ring, 05.06.2016, Moscow, <http://echo.msk.ru/blog/tedxsr/1836780-echo/>
- 89) Plenary paper «Conflict Zones and Conflict Resolution in the Arctic Region» on III International Conference on "Energy, Sustainability and Climate Change", Marathon, Greece, July 10-16, 2016
- 90) Invited paper “Polarization and accommodation of immigrants in different areas” on the seminar Perspectives of Immigration in Germany and Russia, ArbeitAgentur, Berlin, Germany, 06-07.09.2016

- 91) Invited paper ‘Is it good to divide equally?’ on the Conference of the World Union of Progressive Judaism, Minsk, Belarus, 16-17.09.2016
- 92) Invited paper «Power in Networks» on VI Seminar named by Murat Sertel on social choice, mechanism design, institutions and organizations in honor of Jilbert Laffond, Paris, France, 23-24.09.2016
- 93) Three invited lectures “Axiomatic Social Choice and Manipulability”, “Power Distribution in Groups”, “Centralities in Networks” for PhD students of the Universite Paris-1, Paris, France, 03.10.2016, 05.10.2016 и 06.10.2016
- 94) Invited paper “Conflict Zones and Conflict Resolution in the Arctic Region”, Economic Theory Seminar, University Paris-1, Pantheon-Sorbonne, Paris, France, 07.10.2016
- 95) Invited paper “Choice Procedures in Big Data Analysis” on Russian-French seminar on the use of big data, Moscow, 02.12.2016
- 96) Invited paper on the development of game theory on the III Russian Economic Congress, Moscow, 19.12.2016
- 97) Invited paper “Distribution of disputable zones in the Arctic region” on the IX International Conference of the International Arctic Association on social sciences (IASSA-IX), Umea, Sweden, 08-12.06.2017
- 98) Plenary paper “An attempt to forecast the situation with food security”, 3d International Conference “Dynamics of Disasters”, Kalamata, Greece, 05.07.2017
- 99) Plenary paper “Effective Choice and Ranking of Alternatives in Search and Recommendation Problems” on the 4th International Conference on BigData Analysis and Data Mining, September 07-08, 2017 Paris, France
- 100) Two invited lectures on network analysis in the Arctic University of Tromso, Norway, 11-12.09.2017
- 101) Invited paper “Disputable zones in Arctic region and models of their allocation among countries” on the seminar “Learning how economists work and think in Russia and Norway using theoretical models and laboratory experiments” in the Arctic University of Tromso, Norway, 13.09.2017
- 102) Invited paper «Applied Decision Models in Logistics» on the Workshop LOG904-149 “Arctic Logistics” Molde University College–Specialized University in Logistics, and in the joint Norwegian-Russian Research Workshop on Arctic Logistics, 12.10.2017
- 103) Keynote speaker on the 5th International Conference on Information Technology and Quantitative Management, Delhi, India, December 8-10, 2017. The title of the paper “Power Indices in Networks and their Applications”
- 104) Invited lectures (12 hours) on Fundamentals of Decision Theory in the University Paris 1 (Panteone Sorbonne), 5-20.05.2018
- 105) Invited paper “Migration – new econometric models, network analysis. Polarization and allocation of migrants” at the seminar on networks in the University Paris 1, 17.05.2018
- 106) Invited paper «Evaluation of universities, and heterogeneity of higher education system» at the seminar on theoretic models in the University Paris 1, 18.05.2018
- 107) Invited paper “Manipulability of Scoring Rules” on 8th Murat Sertel Workshop on Economic Design, Decision, Institutions, and Organization (in the Honor of Dominique Lepelley), Caen, France, May 22-23, 2018
- 108) Invited paper “Polarization and Power Distribution in the European Parliament” on the seminar “Mathematics and Politics: Democratic Decision Making”, Hannover, Germany, May 28-30, 2018
- 109) Lectures (16 hours) on «Advances in Decision Making Theory and Applications», Summer University at National Research University Higher School of Economics, July 2-7, 2018

- 110) 2 invited lectures (4 hours) «Choice Models in Data Analysis and their Applications», Advanced Course on Data Science and Machine Learning –ACDL 2018, Certosa di Pontignano –Siena, Tuscany, Italy, July 19–23, 2018
- 111) 4 invited lectures (12 hours) for faculty and PhD students “University efficiency evaluation with new DEA method”, “Social Choice and Manipulation”, “Power/Centrality in Network Structures”, “Utility Maximization, Choice and Preference” in Pavol Jozef Šafárik University in Košice (Slovakia), 06-17.09.2018
- 112) 2 invited lectures for faculty and PhD students «Models of citizens’ satisfaction by living conditions» и «Networks models and their applications – new centrality indices» in Arctic University, Tromso, Norway, 23-30.09.2018
- 113) Invited paper “Power and Polarization in European Parliament, Russian Duma and US House of Representatives” on the seminar on political theory, Maryland University, USA, 15.10.2018
- 114) Invited paper “Power and Centrality in Networks and their Applications” on the seminar on economic theory, Maryland University, USA, 16.10.2018
- 115) Invited paper “Power/Centrality in Networks with different applications”, California Institute of Technology, Pasadena, California, USA, 19.10.2018
- 116) Plenary talk «Problems in Education – Forecast of Enrollment, Heterogeneity and Efficiency of Universities» on the 7th International Conference «Information Technologies and Quantitative Management», Omaha, Nebraska, USA, 21.10.2018
- 117) Invited paper “Power/Centrality in Networks with different applications”, University of California in Irvine, USA, 25.10.2018
- 118) Invited lecture “Regional development of municipal districts. Modern trends” for regional managers and city mayors of the Tatarstan Republic, Kazan, Tatarstan, Russian Federation, 12.11.2018
- 119) Invited paper “Power and polarization in elected bodies”, Eltsin Centre, Ekaterinburg, Russian federation, 18.12.2018
- 120) Invited paper «B.G. Mirkin’s contribution to the theory of measurements with error and further studies», International Conference Decisions and Data Analysis – 2018, Moscow, Higher School of Economics, 27.12.2018

EDITOR:

Monograph Series ‘Decisions: Analysis and Support’, Fizmatlit

Preprint Series ‘Mathematical Analysis of Decisions in Economics, Business and Politics’, The State University High School of Economics

1. Proceedings of the II All-Union Conference on Statistical and Discrete Analysis of Ordinal Data, Tallinn, 1984;
2. Proceedings of the III All-Union Conference on Combinatoric-Statistical Methods on Information Analysis and Data Processing, Odessa, 1990.
3. Special issue of the journal Mathematical Social Sciences, 1994, no.3
4. Russian translation of the book ‘On ethics and economics’ by A.Sen; 1987 (Russian translation is published in the publishing company ‘Nauka’, 1996)
5. Russian translation of the book ‘The Win-Win Solution’ by S.Brams and A.Taylor, W.W.Norton, New York, 1999 (Russian translation is published by the publishing company ‘SINTEG’, 2002)
6. ‘M.A.Aizerman (1913-1992)’, Moscow, Fizmatlit, 2003

7. Russian translation of the book 'Social Choice and Individual Values' by Kenneth J. Arrow, Yale University Press, New Haven and London, 1963 (Russian translation is published by the publishing company of the Higher School of Economics, 2004)
8. 'Oleg Ivanovich Larichev', Moscow, Logos, 2005
9. Russian translation of Nobel lecture by Eric Maskin 'Mechanism Design: How to Implement Social Goals', Moscow, HSE Publishing House, 2009
10. Russian translation of the lecture 'Information as Commodity' by Kenneth J. Arrow, Moscow, Publishing House of HSE, 2012
11. The book "Clusters, Orders, and Trees: Methods and Applications (In Honor of Boris Mirkin's 70th Birthday)", Springer Science+Business Media New York, eds. Fuad Aleskerov, Boris Goldengorin, Panos M. Pardalos, 2014, 404 pp.
<http://link.springer.com/book/10.1007%2F978-1-4939-0742-7>
12. Proceedings of the 2nd International Conference on Information Technology and Quantitative Management, ITQM 2014, Procedia Computer Science, Elsevier, Volume 31, eds. Yong Shi, Alexander Lepskiy and Fuad Aleskerov, 2014, pp. 1-1176
<http://www.sciencedirect.com/science/journal/18770509/31>

GRANTS:

- 1) European Community:
 - a. ACE-91-RO2 "Studies in Social Choice, Theory, Consistency and Strategic Behaviour", EC TACIS—ACE, 1995-1996,
 - b. INTAS Project "Measurement and Aggregation of Preferences", 1997-2000;
- 2) Russian Foundation of Basic Research (95-01-00057A), 1995-1997;
- 3) NATO Fellowship Program 1995-1996;
- 4) Russian Foundation of Basic Research (02-01-00301), 2002-2003;
- 5) Russian Foundation of Basic Research (05-01-00188), 2005-2008;
- 6) Russian Foundation of Basic Research (01-21207-525a) 2008-2010;
- 7) Grant (№05-01-00188) Models of collection decision making and voting Moscow, Higher School of Economics, 2006-2007;
- 8) Grant (#06-04-005) Models of power of group in electoral body and its stability and their application to the Russian Parliament, 2005-2007;
- 9) Grant 'Models of social decision making', #08-04-0008, Higher School of Economics, Moscow, 2008-2009
- 10) Russian Foundation of Basic Research (#08-01-00039a) 'Analysis of manipulability of voting procedures under multi-valued function of social choice', 2008-2010
- 11) Russian Foundation of Basic Research (#08-01-07136д) Publication of the book 'Power and Structural Stability in Russian Parliament (1905-1917 и 1993-2005)', 2008
- 12) Grant «An elaboration of the system of power indices taking into account agents' preferences », #06-0002, Higher School of Economics, Moscow, 2007-2008
- 13) Joint Russian-Turkish Grant of Russian Foundation of Basic Research (#09-01-91224-CT_a) 'Generalized Concepts of Social Choice and Power Indices', 2009-2010
- 14) Grant «Models of collective choice: coalition formation and coalitional procedures », #10-04-0030, Higher School of Economics, Moscow, 2010-2011
- 15) Grant #12-05-0036 'A construction of ratings by the methods of social choice', Higher School of Economics, Moscow, 2012-2013
- 16) Grant "Modeling of counter-cyclical regulation and use of derivatives as an instruments for decreasing of banking risks", Higher School of Economics, Department of Economics, Moscow, 2012-2013

- 17) Russian Foundation of Basic Research (#12-01-00226a) ‘Choice models based on superposition’, 2012-2014
- 18) The Program of the Board of Russian Academy of Sciences “Fundamental basis of innovative technologies to forecast, evaluation, mining and deep processing of strategic mineral resources necessary for modernization of Russian economy”, 2012-2015
- 19) RFBR 15-01-02847a, Power indices in network structures, 2015-2017
- 20) RFBR №18-01-00804a Power of countries in the food security problem, 2018-2020.

HEAD OF APPLIED PROJECTS:

- Analysis of Development of Moscow Region, 1985--86, contract of the government of the USSR;
- Evaluation of Ecological Situation in Yaroslavl Region, 1988, contract of regional government;
- Information system 'Russia' for privatization, 1991, contract of government of Russia;
- Evaluation of location of bank branches; contract with Savings Bank of the USSR, Dnepropetrovsk city;
- Analysis of regional situation (Information system 'Region'), 1991--94 for 11 regions in Russia and other countries of CIS, contracts with regional governments;
- Analysis of city development, for 24 cities of Russia and other cities of CIS, 1991--95, contracts of city councils;
- Evaluation of the effectivity of bank branches performance; contract with Yapi Kredi Bank, 1996-1997;
- Evaluation of citizens' satisfaction with urban and living condition in the district (Sisli, Istanbul); contract with district council, 1997;
- Evaluation of credit customers of a bank, contract with Yapi Credi Bank, Istanbul, Turkey, 1999-2000;
- Dynamic Analysis of Patterns of Behavior of Russian Commercial Banks, 2004
- Data mining for AEG Metro (Germany), 2007-2008.
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Mathematics of Conflict
Discrete Mathematical Models
Risk Management
Decision Making in Banks
Social Choice Theory
Rationality in Choice Models
Theory of Binary Relations
Graph Theory
Introduction to the Theory of Political Processes
Comparative Electoral Systems
Game Theory for Economists
Game Theory in Political Science
Data Analysis
Linear Algebra
Utility and Measurement
Operations Research
Local Aggregation Models
Multicriterial Choice and Decision Making
Modern Methods in Decision Making Theory
Axiomatic Social Choice and Manipulability
Fundamentals of Decision Theory
Games and Decisions