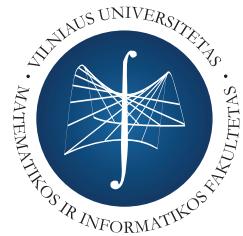


VILNIAUS UNIVERSITETAS
MATEMATIKOS IR INFORMATIKOS FAKULTETAS



VILNIUS UNIVERSITY
FACULTY OF MATHEMATICS AND INFORMATICS

Publications Report
Year 2012



Vilnius
2013

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Professors of the department give courses on differential equations (ODEs and PDEs), numerical analysis, optimization methods, applied mathematics, calculus (at the faculties of Economics, Chemistry, and Natural Sciences), and various more specialized lectures. The main research fields of the department are ordinary and partial differential and integrodifferential equations, their numerical analysis, and applied mathematics.

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DEPARTAMENT OF MATHEMATICAL ANALYSIS

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Traditionally, the department gives courses in mathematical analysis (calculus) and related subjects. In recent years, the department, as responsible for bachelor and master programs in actuarial and financial mathematics, became more oriented toward applications and is offering main courses in actuarial and financial mathematics. The research areas of the department include heavy tailed distributions, time series, econometric and actuarial models, stochastic analysis.

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DOCTORAL STUDENTS

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DEPARTAMENT OF SOFTWARE ENGINEERING

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The department supervises the software engineering study program. The research areas of the department include software process, software engineering methods and tools, teaching software engineering, software quality management, business process modelling, information systems modelling, human-computer interaction, open queuing networks, message switching systems, computational modelling of physical-chemical processes, information security, electronic signature.

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DOCTORAL DISSERTATIONS

1. **Eugenija Bieliauskienė**, *Ruin probability and Gerber-Shiu function for the discrete time risk model with inhomogeneous claims*, advisor prof. Jonas Šiaulys.
2. **Andrius Čiginas**, *Approximations to distributions of linear combinations of order statistics in finite populations*, advisor prof. Mindaugas Bloznelis.
3. **Povilas Daniušis**, *Feature extraction via dependence structure optimization*, advisor prof. Pranas Vaitkus.
4. **Andrius Grigutis**, *Value distribution of Lerch and Selberg zeta-functions*, advisor prof. Ramūnas Garunkštis.
5. **Jonas Jankauskas**, *Heights of Polynomials*, advisor prof. Artūras Dubickas.
6. **Valdas Jasaitis**, *Computer modeling of self-ordered fronts under oscillating zero-mean forces*, advisor prof. Feliksas Ivanauskas.
7. **Justas Kalpokas**, *Discrete moments of the Riemann zeta function and Dirichlet L-functions*, advisor prof. Ramūnas Garunkštis.
8. **Aivaras Novikas**, *Composite numbers in the sequences of integers*, advisor prof. Artūras Dubickas.
9. **Laura Savičienė**, *Modeling and Visualization of Norm Violation in Decision Support for Aircraft Approach/Departure*, advisor prof. Vytautas Čyras.

PUBLICATIONS

MONOGRAPHS

1. **Romas Baronas, Feliksas Ivanauskas, Juozas Kulys**, *Mathematical modeling of biosensors: an introduction for chemists and mathematicians (in arabic)*, 544p.

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54. **Kristina Kaulakyte**, On the Navier–Stokes equations with nonhomogeneous boundary conditions in a system of connected layers, *International Conference on Parabolic and Navier–Stokes Equations, September 2–8, Poland*.
55. **Kristina Kaulakyte**, Stationary Navier–Stokes equations with non–homogeneous boundary condition in a system of two connected layers, *53rd Conference of Lithuanian Mathematical Society, June 11–12, 2012, Klaipėda University*.
56. **Rimvydas Krasauskas**, **Severinas Zubė**, Studying Darboux and isotropic cyclides with geometric algebra, *Eight International Conference on Mathematical Methods for Curves and Surfaces. June 28 – July 03, Oslo, Norway*.
57. **Ričardas Kudžma**, Function’s portrait with a pencil and with Geogebra, *13th intenational conference Teaching Mathematics: Retrospective and Perspectives, May 30-31, University Tartu, Estonia*.
58. **Ričardas Kudžma**, Ala Rožkova, Virginija Vilkotytė, Geogebra in the 10th grade mathematics, *III Nordic Geogebra conference, September 14–16, 2012, Tartu, Estonia*.
59. **Valentas Kurauskas**, Largest clique in sparse random intersection graphs, *4th Polish Combinatorics Conference, Będlewo, Poland, 16–22 September*.
60. **Valentas Kurauskas**, Random graphs with disjoint forbidden minors, *Combinatorics seminar, Adam Mickiewicz University, Poznan, Poland, 4 December*.

61. **Antanas Laurinčikas**, Estimates for the number of zeros of some analytic functions related to the Riemann zeta–function, *Analytic Methods of Analysis and Differential Equations*, Minsk, Belarus, September 10–14, p. 42.
62. **Antanas Laurinčikas**, Joint universality and its consequences for Hurwitz zeta–functions, *Mathematical modelling and analysis: 17th international conference*, June 6–9, 2012, Tallinn, Estonia, p. 75.
63. **Antanas Laurinčikas**, Universality of some functions related to zeta–functions of certain cusp forms, *International mathematical conference: book of abstracts*, June 13–19, 2012, Mykolayiv, Ukraine, p. 22.
64. **Antanas Laurinčikas**, Universality of some functions related to zeta–functions of certain cusp forms, *Diophantine analysis: conference program and abstract book*, 2012 July 30–August 3, Astrakhan, Russia, p. 30.
65. **Antanas Laurinčikas**, Profesorius Jonas Kubilius (1921–2011), *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
66. **Antanas Laurinčikas**, Rymano ir Hurvico dzeta funkcijų jungtinis universalumas, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
67. Žilvinas Leda, Kompiuterinis švytinčių bakterijų struktūros formavimosi tirpale modeliavimas, *Fizinių ir technologijos mokslų tarpdalykiniai tyrimai: antroji LMA jaunųjų mokslininkų konferencija*, Vilnius, 2012 02 14.
68. **Remigijus Leipus, Jonas Šiaulys**, Closure at heavy-tailed distribution classes under random convolutian, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
69. **Remigijus Leipus, Jonas Šiaulys**, Large deviations for loss process in a customer-arrival-based insurance risk model, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
70. **Remigijus Leipus, Jonas Šiaulys**, Closure at heavy-tailed distribution classes under random convolutian, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
71. **Remigijus Leipus, Jonas Šiaulys**, Large deviations for loss process in a customer-arrival-based insurance risk model, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
72. **Antanas Lenkšas, Vigirdas Mackevičius**, Models of Financial Mathematics. Weak approximations by discrete random variables, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
73. Karol Lisovskij, Aistis Raudys, Lukas Sirvydis, Synthetic history for exchange traded funds, *Lecture Notes in Business Information Processing*, 117, p. 224–235.
74. **Vigirdas Mackevičius**, Moments of stochastic Verhulst equation, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
75. **Eugenijus Manstavičius**, An analytic approach in probabilistic combinatorics, *Elementare und Analytische Zahlentheorie*, 2012 August 13–18, Germany, p. 24–25.
76. **Eugenijus Manstavičius**, Robertas Petuchovas, Atsitiktinių struktūrų komponenčių vektorių skirstinių aproksimavimas pilnosios variacijos metrikoje, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.

77. **Jurgita Markevičiūtė**, Silpnas didžiujų skaičių dėsnis beveik nestacionariems pirmos eilės autoregresiniams procesams funkcinėse erdvėse, *Fizinių ir technologijos mokslų tarpdalykiniai tyrimai: antroji LMA Jaunujų mokslininkų konferencija*, Vilnius, 2012 02 14.
78. **Jurgita Markevičiūtė**, **Alfredas Račkauskas**, Charles Suquet, Limit theorems for nearly non-stationary processes and applications to the epidemic change detection, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
79. **Gintautas Misevičius**, Naujujų formų konvergavimas analizinių funkcijų erdvėje, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
80. **Antanas Mitašiūnas**, **Saulius Ragaišis**, Electronic documents interoperability solutions in academic environment, *Education, sport and tourism in the prosperous epoch of powerful state: abstracts of international exhibition and scientific conference*, 2012 November 5–7, Asgabat, p. 223–225.
81. **Gediminas Murauskas**, **Marijus Radavičius**, Studijų informacinės sistemos vartotojų duomenų sijonė, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
82. **Kazimieras Navickis**, Affine differential geometry of osculating hypersurfaces, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
83. Židrina Pabarškaitė, **Aistis Raudys**, Discrete portfolio optimisation for large scale systematic trading applications, *IEEE Biomedical Engineering and Informatics (BMEI)*, 2012 5th International Conference on, Chongqing, p. 1566–1570.
84. **Vygantas Paulauskas**, **Marijus Vaičiulis**, A generalization of the Hill estimate, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
85. **Konstantinas Pileckas**, On Leray's problem for the stationary Navier–Stokes equations with nonhomogeneous boundary values, *7th European Conference on Elliptic and Parabolic Problems*, May 21–25, Italy.
86. **Konstantinas Pileckas**, On one J. Leray's problem in the theory of Navier–Stokes equations, *Mathematical Aspects of Hydrodynamics*, August 12–18, Germany.
87. **Donata Puplinskaitė**, **Donatas Surgailis**, Atsitiktinių laukų su begaline dispersija agregavimas, *Fizinių ir technologijos mokslų tarpdalykiniai tyrimai: antroji LMA Jaunujų mokslininkų konferencija*, Vilnius, 2012 02 14.
88. **Donata Puplinskaitė**, **Donatas Surgailis**, Aggregation of random coefficient nearest–neighbor autoregressive random fields with infinite variance, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
89. **Alfredas Račkauskas**, Aurelijus Tamulis, Power analysis of Kolmogorov–Smirnov Dyadic Increments statistics, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
90. **Jovita Rašytė**, Diskretusis Hurvico dzeta funkcijų universalumas, *53rd Conference of Lithuanian Mathematical Society*, June 11–12, 2012, Klaipėda University.
91. **Jovita Rašytė**, A discrete universality theorem for Hurwitz zeta–functions, *Abstracts of MMA 2012*, June 6–9, 2012, Tallin, Tallin University of Technology, p.99.
92. **Aistis Raudys**, Forecasting US, Equity Liquidity Seasonality, *Proceedings of IEEE International Conference on Pattern Recognition Applications and Methods*, Vilamoura, Portugal, 6–8 February 2012, 2, p. 380–386.

93. Šarunas Raudys, **Aistis Raudys**, Three decision making levels in portfolio management, *Proceedings of IEEE Conference on Computational Intelligence for Financial Engineering & Economics, New York, USA, 29–30 March 2012*.
94. Jurga Rukšenaitė, **Pranas Vaitkus**, Neparametrinių metodų taikymas prognozuojant makroekonominius rodiklius, *53rd Conference of Lithuanian Mathematical Society, June 11–12, 2012, Klaipėda University*.
95. **Svajūnas Sajavičius**, Dvimatės parabolinės lygties su nelokaliosiomis integralinėmis sąlygomis sprendimas baigtinių skirtumų metodu, *Fizinių ir technologijos mokslo tarpdalykiniai tyrimai: antroji LMA jaunųjų mokslininkų konferencija, Vilnius, 2012 02 14*.
96. **Svajūnas Sajavičius**, Parallel solution schemes for quasi-tridiagonal linear systems arising after discrete approximations of ODEs/PDEs with nonlocal conditions, *AMAT 2012: international conference on applied mathematics and approximation theory: abstracts book, May 17–20, Turkey*, p. 100.
97. **Svajūnas Sajavičius**, The splitting finite-difference schemes for two-dimensional parabolic equation with nonlocal weighted integral conditions, *ECCOMAS 2012: 6th European congress on computational methods in applied sciences and engineering: proceedings, Vienna, September 10–14*, p. 1–2.
98. **Svajūnas Sajavičius**, “Optimization”, conditioning and accuracy of radial basis function method for two-dimensional Poisson equation with nonlocal conditions, *53rd Conference of Lithuanian Mathematical Society, June 11–12, 2012, Klaipėda University*.
99. Mifodijus Sapagovas, **Olga Štikonienė**, On numerical solution for a class of elliptic equations with nonlocal conditions, *Mathematical modelling and analysis: 17th international conference, June 6–9, 2012, Tallinn*, p. 1.
100. **Jonas Šiaulys, Gediminas Stepanauskas**, The limiting discrete uniform law for distributions of additive functions, *53rd Conference of Lithuanian Mathematical Society, June 11–12, 2012, Klaipėda University*.
101. **Jonas Šiaulys, Gediminas Stepanauskas**, Ribinis tolygus diskretus dėsnis adityviųjų funkcijų skirstiniams, *53rd Conference of Lithuanian Mathematical Society, June 11–12, 2012, Klaipėda University*.
102. **Eugenijus Stankus**, Methodology of mathematics teachers training, *53rd Conference of Lithuanian Mathematical Society, June 11–12, 2012, Klaipėda University*.
103. **Eugenijus Stankus**, Challenges of mathematics teacher training programmes in Vilnius University, *13th international conference Teaching Mathematics: Retrospective and Perspectives, May 30-31, University Tartu, Estonia*.

RESEARCH GRANTS AND AWARDS

1. **Giedrius Alkauskas, Eugenijus Manstavičius**, Analytic, Combinatorial, and Dynamical Methods in Number Theory: Automorphic Forms, Discrete Structures, and Structure Constants, Postdoctoral fellowship, 2010–2012.
2. **Romas Baronas**, Developing Computational Techniques, Algorithms and Tools for Efficient Simulation and Optimization of Biosensors of Complex Geometry, European social fund measure VP1-3.1-SMM-07-K Global grant, <http://www.biomoda.mif.vu.lt/>.
3. **Algirdas Bastys, Algimantas Juozapavičius**, MD2T: Speech Recognition of Medical Diagnosis and Conversion to Text, MITA high-tech development programme, 2011–2013.
4. **Mindaugas Bloznelis, Valentas Kurauskas**, Random Graphs, RCL⁵ grant. 2011–2012.
5. **Vaidotas Characiejus, Martynas Manstavičius, Rimas Norvaiša, Alfredas Račkauskas**, Konkrečioji funkcinė analizė ir tikimybių teorija: nauji metodai ir jų taikymas, LMT mokslininkų grupių projektas Nr. MIP-53/2012.
6. **Ramūnas Garunkštis**, Skaičių teorijos analizinių funkcijų reikšmių pasiskirstymai, LMT mokslininkų grupių projektas, 2012–2014.
7. **Algimantas Juozapavičius**, LitGRID: Parallel and Distributed Computation and e-Services Network, 2007–2012.
8. **Remigijus Leipus, Donatas Surgailis**, Ilgos atminties ir sunkių uodegų modeliavimas finansuose ir draudoje, LMT mokslininkų grupių projektas MIP-11155, 2011–2012.
9. **Tadas Meškauskas, Gintaras Valinčius**, IMFAbite: Surface Tethered Bilayer Phospholipid Membranes for Functional Reconstitution of Proteins (MIP-096/2011), 2011–2012.
10. **Vygantas Paulauskas**, Statistical Decisions and Limit Theorems for Random Processes and Fields, RCL grant, 2011–2012.
11. **Konstantinas Pileckas**, Boundary Value Problems for Navier–Stokes System in Unbounded Domains, RCL grant No. MIP-30/2011, 2011–2012.
12. **Vladas Skakauskas**, Coupled Systems of Ordinary, Partial, and Integrodifferential Equations, RCL grant No. MIP-052/2012, 2012–2014.

⁵Research Council of Lithuania

SCIENTIFIC CONTACTS

PARTICIPATION IN INTERNATIONAL PROJECTS

1. Francesco Capozzi, Alminas Čivilis, Algimantas Juozapavičius, CHANCE: Cooperation-Theme 2: Food, Agriculture, Fisheries, and Biotechnology, FP7-KBBE-2010-4, 2011–2013, <http://www.chancefood.eu>.
2. Vytautas Čyras, Kristina Lapin, Secure, Trusted and Legally Ruled Collaboration Environment in Virtual Life (VirtualLife), <http://www.ict-virtuallife.eu>.
3. Valentina Dagienė, FETCH Future Education and Training in Computing: How to support learning at anytime anywhere. Project No. 539461-LLP-1-2013-1-BG-ERASMUS-ENW.
4. Valentina Dagienė, NNEER – Nordic Network of Engineering Education Research.
5. Sigitas Dapkūnas, Plan to Establish Research Science Enterprice Oriented Universities for the Benefit of Society. Project No. 145171-2008-ES-SMHES.
6. Algimantas Juozapavičius, ACERN: Lithuania Collaboration Project, 2007–2012.
7. Algimantas Juozapavičius, FP7 Project EGI-InSPIRE, 2010–2014.
8. Rimvydas Krasauskas, SAGA: FP7 Marie Curie Initial Training Network, 2008–2012.
9. Rūta Levulienė, CHANCE: Low Cost Technologies and Traditional Ingredients for the Production of Affordable, Nutritionally Correct Foods Improving Health in Population Groups at Risk of Poverty, project No. 266331, 2011–2013.
10. Eugenijus Manstavičius, Mathematics/Engineering Panel of European Research Agency, FP7, Marie Curie Actions, Programme “People”.
11. Jurgita Markevičiūtė, Vygantas Paulauskas, Alfredas Račkauskas, Statistical Inferences and Limit Theorems of Random Processes and Fields, Bilateral Lithuanian–France research program Gilibert, Vilnius and Lille Universities, 2011–2012.
12. Konstantinas Pileckas, Asymptotic Problems and Applications, Lithuanian–Swiss programme Research and Development, project No. CH-3-ŠMM-01/01, 2012–2016.

RESEARCH VISITS

1. Mindaugas Bloznelis, Taras Shevchenko National University of Kyiv, January 23–29.
2. Mindaugas Bloznelis, Adam Mickiewicz University, Poznan, November 25 – December 9.
3. Linas Bukauskas, CERN resource monitoring board meeting, Geneve, Switzerland, April 22–25.
4. Valentina Dagienė, Adger University, Kristiansand, Norway, February 27 – March 5.
5. Valentina Dagienė, University of Malta, February 19–23.

6. **Valentina Dagienė**, Basque Country University, Bilbao, Spain, April 1–6.
7. **Valentina Dagienė**, Aalborg University, Aalburg, Denmark, May 22–26.
8. **Valentina Dagienė**, Brunel University, London, UK, June 7–14.
9. **Valentina Dagienė**, University of Eastern Finland, Joensuu, Finland, November 15–18.
10. **Artūras Dubickas**, Lithuanian team leader at the 53rd International Mathematical Olympiad, Mar de Plada, Argentina, July 4–16.
11. **Rimantas Eidukevičius**, University of Padua, Italy.
12. **Kęstutis Karčiauskas**, SAGA final conference, Trento, Italy, October 4–7.
13. **Rimvydas Krasauskas**, SAGA final conference, Trento, Italy, October 4–7.
14. **Valentas Kurauskas**, University of Oxford, May 27–31.
15. **Valentas Kurauskas**, British–French workshop on Analytic Combinatorics, University Oxford, September 16–22.
16. **Valentas Kurauskas**, Adam Mickiewicz university, Poznan, November 25 – December 9.
17. **Virmantas Kvedaras**, Osaka University, Japan, May 16 – June 6.
18. **Virmantas Kvedaras**, Iseo Summer School in Economics, Iseo Institute, Italy, June 23–30.
19. **Virmantas Kvedaras**, Baltic Sea Summer School in International Economics, University of Southern Denmark, Denmark and Odense University, September 3–7.
20. **Remigijus Leipus**, Nantes University, France, January 15–28.
21. **Remigijus Leipus**, Mälardalen University, Sweden. April 22–25.
22. **Remigijus Leipus**, Conference Statistical Modelling of Financial Data III, Graz University of Technology, Austria, May 22–26.
23. **Remigijus Leipus**, 6th European Congress of Mathematics, Krakow, Poland, July 1–7.
24. **Remigijus Leipus**, CREATES, Aarhus University, Denmark, September 19–22.
25. **Kęstutis Liubinskas**, Mälardalen University, Västerås, Sweden, April 22–25.
26. **Martynas Manstavičius**, Mälardalen University, Västerås, Sweden, April 22–25.
27. **Martynas Manstavičius**, 6th European Congress of Mathematics, Kraków University, Poland, July 1–7.
28. **Eugenijus Manstavičius**, Meeting of Council of the European Mathematical Society, Krakow, Poland, June 29 – July 8.
29. **Jurgita Markevičiūtė**, Cotutorial theses visit, Lille 1 University, France, February 1 – April 25.
30. **Gediminas Murauskas**, 18th EUNIS Congress, Vila Real, Portugal, June 19–23.
31. **Vygantas Paulauskas**, Georgia Institute of Technology, Atlanta, USA, March 12–25.
32. **Vygantas Paulauskas**, Warsaw University, April 16–21.
33. **Konstantinas Pileckas**, Institute of Mathematics, Polish Academy of Sciences, Poland, April 15–21.
34. **Konstantinas Pileckas**, Second University of Naples, Italy, May 16–20.
35. **Konstantinas Pileckas**, Jean Monnet University (Université de Saint-Etienne), France, November 16–21.

36. **Konstantinas Pileckas**, University of Zurich, Switzerland, December 3–6.
37. **Aleksandras Plikusas**, Sampling Theory and Application Conference, Valmiera, Latvia, August 24–28.
38. **Donata Puplinskaitė**, Cotutorial theses visit, Nantes University, France, February 1 – April 25.
39. **Alfredas Račkauskas**, Gilibert Project visit, Lille 1 University, France, March 19–30.
40. **Aldona Skučaitė**, Mälardalen University, Västervik, Sweden, April 22–25.
41. **Vytas Zacharovas**, Institute of Statistical Science, Academia Sinica, Taiwan, January 1–22.
42. **Vytas Zacharovas**, Institute of Statistical Science, Academia Sinica, Taiwan, August 28 – October 13.
43. **Vytas Zacharovas**, Institute of Statistical Science, Academia Sinica, Taiwan, December 19–31.
44. **Vaidotas Zemlys**, Spring course on Nonstationary Panel Time Series Methods, University of Coimbra, Portugal, March 22–25.
45. **Severinas Zubė**, SAGA final conference, Trento, Italy, October 4–7.

FOREIGN VISITORS

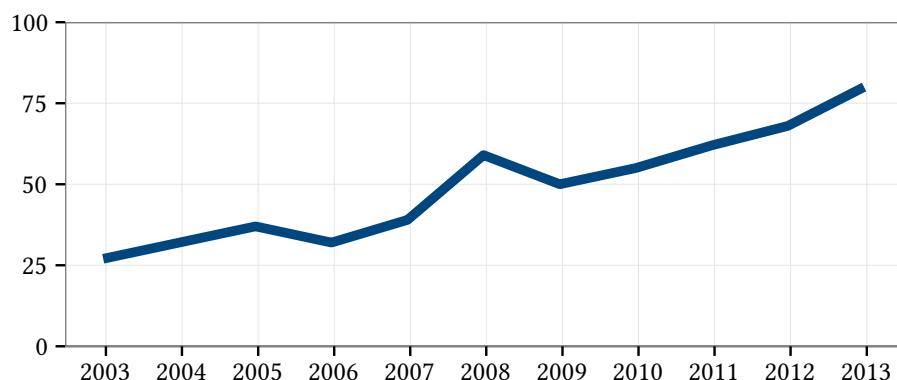
1. Prof. Andrzej Bargiela, University of Nottingham, UK. July 8–11, 2012.
2. Prof. Javier Bilbao, Universidad del País Vasco, Euskal Herriko Unibertsitatea e Bilbao, Spain, May 27 – June 4.
3. Agnieszka Bojanowska, Warsaw University, Poland, October 4–9.
4. Dr. Philip Bonanno, University of Malta, Department of Mathematics, Science & Technical Education. September 29 – October 6.
5. Prof. Suquet Charles, Lille 1 University, France, October 27 – September 7.
6. Prof. Yurii Davydov, Lille 1 University, France, July 09–28.
7. Prof. Roman Jan Dwilewicz, Cardinal Stefan Wyszyński University, Poland, July 22–26.
8. Prof. Stefan Jackowski, Warsaw University, Poland, October 4–9.
9. Prof. Mikhail Korobkov, Novosibirsk State University, Russia. January.
10. Prof. Greg Lee, Taiwan University, Taiwan, May 27 – June 4.
11. Dr. Mattia Monga, University of Milano, Italy, December 03–07.
12. Prof. Grigori Panasenko, Jean Monnet University (Université de Saint-Etienne), France. July.
13. Dr. Noa Ragonis, University of Haifa, Israel, December 03–07.
14. Prof. Remigio Russo, Second University of Naples, Italy. January.
15. Assoc. prof. Simona Šaltenis, Aalborg University, Denmark. December 17–29, 2012.
16. Prof. Vsevolod Solonnikov, Steklov Institute of Mathematics, Russia. October.
17. Prof. Maciej Syslo, University of Toruń, Poland, February 15–21.
18. Prof. Grzegorz Szafrański, University of Łódź, Poland.
19. Prof. Siichi Tani, Nikon University, Japan, May 27 – June 4.
20. Dr. Veikko Visala, Mikrolinna company, Hameenlinna, Finland, September 09–16.
21. Prof. Yang Yang, School of Mathematics and Statistics, Nanjing Audit University, January 14 – December 31.

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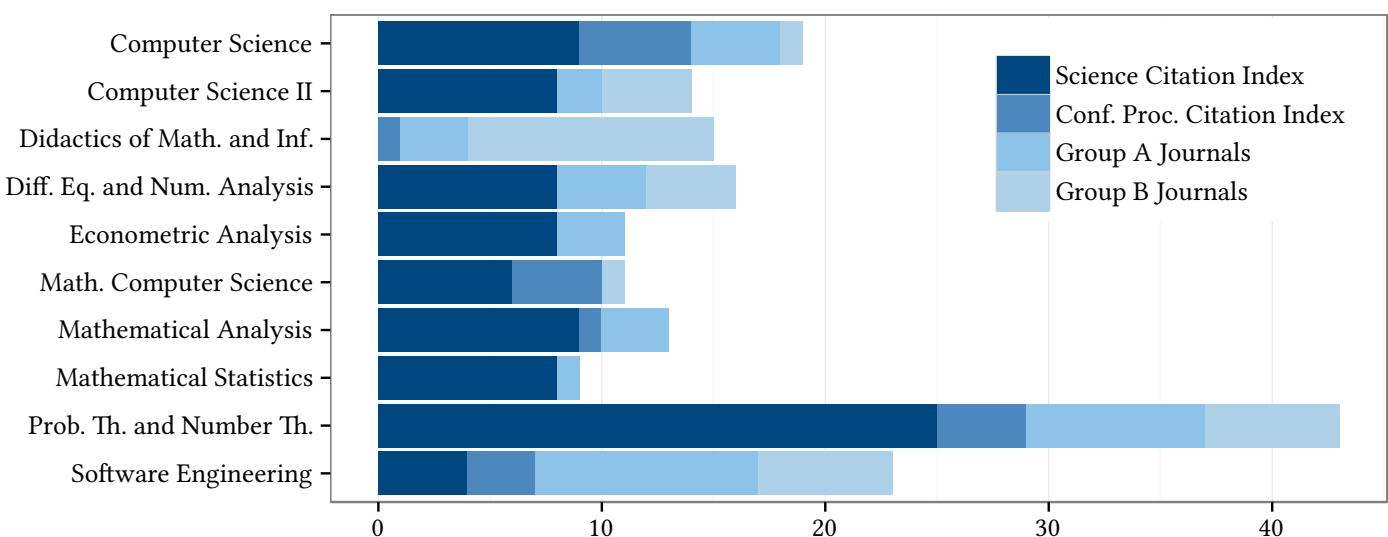
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