

CURRICULUM VITAE

Dr. Marina Levenshtein

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EDUCATION

Ph.D. 2009, Mathematics. Faculty of Mathematics, The Technion – Israel Institute of Technology, Haifa, Israel

M.Sc. 1982, Applied Mathematics. Irkutsk State University, Irkutsk, Russia

RESEARCH INTERESTS

Complex Analysis and Dynamical Systems

ACADEMIC APPOINTMENTS

2012 - present Senior Lecturer, Department of Mathematics, ORT Braude College, Karmiel, Israel

2008 - 2012 Lecturer, Department of Mathematics, ORT Braude College, Karmiel, Israel

1986 – 1993 Senior Lecturer, Irkutsk State Pedagogical University, Irkutsk, Russia

PROFESSIONAL EXPERIENCE

2012 - present Senior Lecturer, Department of Mathematics, ORT Braude College, Karmiel, Israel

2008 - 2012 Lecturer, Department of Mathematics, ORT Braude College, Karmiel, Israel

2006 - 2007 Teaching Assistant (Adjunct), The Technion – Israel Institute of Technology, Haifa, Israel

2002 – 2008 Teaching Assistant (Adjunct), Department of Mathematics, ORT Braude College, Karmiel, Israel

1993 - 2000 Teacher, The High School, Irkutsk, Russia

1986 – 1993 Lecturer, Irkutsk State Pedagogical University, Irkutsk, Russia

1982 – 1985 Software Engineer, Sakhalin Oil-and-Gas Producing Industry,
Sakhalin, Russia

TEACHING EXPERIENCE

ORT Braude College of Engineering:

Calculus I

Advanced Calculus I

Advanced Mathematics (Ordinary Differential Equations, Partial Differential Equations,
Laplace Transforms and Fourier Series)

Series, Transforms and Differential Equations

Theory of Functions of a Complex Variable

Complex Dynamical Systems

The Technion–Israel Institute of Technology:

Theory of Functions of a Complex Variable

Irkutsk State Pedagogical University:

Calculus I, Calculus II

PROFESSIONAL ACTIVITIES

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|-----------------|---|
| 2012 - present | Member of the Committee for Academic Affairs, ORT Braude College |
| 2012 - present | Member of Organizing Committee, VI International Conference on
“Complex Analysis & Dynamical Systems”, Naharia, Israel. |
| 2012, October | Participation in the 8-th research conference of ORT Braude College |
| 2011, September | Participation in the 7-th research conference of ORT Braude College |
| 2011, May | Member of Organizing Committee, V International Conference on
“Complex Analysis & Dynamical Systems”, Akko, Israel. |
| 2010, October | Participation in the 6-th research conference of ORT Braude College |
| 2009, May | Member of Organizing Committee, IV International Conference on
“Complex Analysis & Dynamical Systems”, Naharia, Israel, May 18-
22, 2009 |
| 2009 | Participation in the 5-th research conference of ORT Braude College,
Israel |
| 2006, January | Participation in the Third International Conference on “Complex
Analysis & Dynamical Systems”, organized by ORT Braude College
(Karmiel, Israel), Bar-Ilan University (Ramat Gan) |
| 2003, June | Participation in the second Conference “Complex Analysis &
Dynamical Systems”, Karmiel, Israel |

Reviewing papers for

ISRN (International Scholarly Research Network) Mathematical Analysis Journal

Seminar talks

“Rigidity results for holomorphic mappings on the unit disk”, talk at the seminar Nonlinear Analysis and Optimization, Faculty of Mathematics, Technion – Israel Institute of Technology, Haifa, Israel, February, 2009

“Rigidity theory for holomorphic mappings”, talk at the seminar Nonlinear Analysis and Optimization, Faculty of Mathematics, Technion – Israel Institute of Technology, Haifa, Israel, December, 2007

“Rigidity results for holomorphic mappings on the unit disk”, talk at the seminar Nonlinear Analysis and Optimization, Faculty of Mathematics, Technion – Israel Institute of Technology, Haifa, Israel, November, 2005

“A rigidity result for holomorphic generators on the unit disk”, talk at Workshop on Complex Dynamical Systems, ORT Braude College, Karmiel Israel, August, 2005

LIST OF PUBLICATIONS

Theses:

1. Ph.D. in Mathematics
Thesis: Rigidity theory for holomorphic mappings, 2009, Technion, Haifa, Israel
2. Ph.D. in Mathematics
Thesis: Development of the syntax correctness analyzer and the the interpreter of “Baikal” modeling system language, 1982, Irkutsk State University, Irkutsk, Russia

Referred Papers:

1. M. Levenshtein, The study of convergence rate of an iteration method for solutions of nonlinear equations, *Approximate methods of solution of operator equations. Collection of scientific papers of schools of higher education*, Irkutsk, 1992, 19-22.
2. B. Beltukov and M. Levenshtein, On iteration methods for solutions of operator nonlinear equations, *The Siberian Power Engineering Institute of the Siberian Branch of the Academy of Sciences*, Irkutsk, 1992, 151-159.
3. B. Beltukov and M. Levenshtein, The study of convergence of a class of iteration methods with a third derivative, *VINITI (All-Union Institute of Scientific and Technological Information)*, Moscow, No. 1950.-B91, 1991.

4. M. Levenshtein, S. Reich and D. Shoikhet, An application of the resolvent method to rigidity theory for holomorphic mappings, *J. Nonlinear Convex Anal.* 8 (2007), 99-103.
5. M. Elin, M. Levenshtein, D. Shoikhet and R. Tauraso, Rigidity of holomorphic generators and one-parameter semigroups, *Dynam. Systems Appl.* 16 (2007), 251-266.
6. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, A rigidity theorem for holomorphic generators on the Hilbert ball, *Proc. AMS.* 136 (2008), 4313-4320.
7. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, Two rigidity theorems for holomorphic generators of continuous semigroups, *J. Nonlinear Convex Anal.* 9(2008), 59-64.
8. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, Commuting semigroups of holomorphic mappings, *Math. Scand.* 103 (2008), 295-319.
9. M. Levenshtein and S. Reich, Approximating fixed points of holomorphic mappings in the Hilbert ball, *Nonlinear Analysis* 70 (2009), 4145-4150.
10. M. Levenshtein and S. Reich, A rigidity theorem for commuting holomorphic functions, *J. Nonlinear Convex Anal.* 11(2010), 65-70.
11. F. Jacobzon, M. Levenshtein and S. Reich, Convergence characteristics of one-parameter continuous semigroups, *Analysis Math. Physics*, 1 (2011), 311-335.
12. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, Some inequalities for the horosphere function and hyperbolically nonexpansive mappings on the Hilbert ball, 2011, *Contemporary Mathematics. Fundamental Directions*, accepted for publication.
13. Mark Elin and Marina Levenshtein, Covering results and perturbed Roper-Suffridge operators, *Complex Analysis and Operator Theory*, accepted for publication, Preprint is available in: arXiv:1202.3063

Proceedings (Referred):

1. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, Rigidity results for holomorphic mappings on the unit disk, *Complex and Harmonic Analysis*, Proceedings of the International Conference, Thessaloniki, 2006, 93-110, DEStech Publications, Inc., 2007.

Unpublished Professional Reports (self-performed or supervised):

1. M. Elin, M. Levenshtein and D. Shoikhet, "Complex functions" (exercises), ORT Braude College, Karmiel, 2011
2. M. Levenshtein and D. Shoikhet, "Complex Dynamical Systems" (theory and exercises), ORT Braude College, Karmiel, 2009
3. M. Levenshtein and D. Shoikhet, "Complex functions", ORT Braude College, Karmiel, 2004