

**Simeon Reich**

Department of Mathematics  
The Technion-Israel Institute of Technology  
32000 Haifa, Israel  
E-mail: sreich@tx.technion.ac.il

**Curriculum Vitae**

Date and place of birth: August 12, 1948; Cracow, Poland.

**Academic Degrees**

1970 B.Sc. *summa cum laude*, Mathematics, Technion.  
1973 D.Sc. Mathematics, Technion.

**Professional Experience**

1973-75 Lecturer, Tel-Aviv University.  
1975-77 L. E. Dickson Instructor, The University of Chicago.  
1977-79 Assistant Professor, University of Southern California.  
1979-84 Associate Professor, University of Southern California.  
1984-85 Associate Professor, Technion.  
1985-2016 Professor, Technion.  
2016-present Professor Emeritus, Technion.

1970-75 Mathematician, Israel Army (rank: Lieutenant).  
Apr.1978, Aug.1980 Consultant, Mathematics Research Center,  
University of Wisconsin-Madison.  
July 1978 Visiting Scientist, Applied Mathematics Division,  
Argonne National Laboratory.  
Spring 1981 Visiting Associate Professor, University of California, Berkeley.  
1983-84 Acting Chairman, Department of Mathematics,  
University of Southern California.  
1986-87, 1990-92 Professor, University of Southern California.  
Sept.1997, Fall 2003 Visiting Scholar, Rutgers University.  
Winter 2004 Visiting Professor, University of California, Santa Barbara.  
April-Sept. 2004 Visiting Professor, Tokyo Institute of Technology.  
May-June 2010 Visiting Professor, UMCS.  
1976-84, 1993-96 Research Grants, National Science Foundation.  
1983-84 Research Grant, USC Faculty Research and Innovation Fund.  
1987-91 Supercomputer Time Award,  
NSF and the San Diego Supercomputer Center.

1997-03, 2007-11  
2012-16, 2017-21 Research Grants, Israel Science Foundation.  
Jan.1999-Dec.2001 Director, Institute of Advanced Studies in Mathematics  
and the Center for Mathematical Sciences at the Technion.  
2001-2012 Technion Management Chair in Mathematics.  
2012-2016 The Lord Leonard Wolfson Academic Chair.

**Research Field**

Nonlinear Analysis and Optimization Theory.

**Teaching Experience***Undergraduate Courses*

Calculus, Functional Analysis, Optimization, Ordinary Differential Equations, Partial Differential Equations, Probability, Real Functions, Set Theory.

*Graduate Courses*

Differential Equations in Banach Spaces, Dynamic Systems, Functional Analysis, Functional Analysis for Electrical Engineering, Harmonic Analysis, Integral Equations, Modern Analysis for Electrical Engineering, Nonlinear Analysis, Nonlinear Functional Analysis, Nonlinear Partial Differential Equations, Optimization Theory, Problems Workshop, Real and Complex Analysis.

**Public Professional Activities***Member of the Editorial Board of the Following Journals:*

- Dynamic Systems and Applications (1992-present)
- Communications in Applied Nonlinear Analysis (1994-present)
- Abstract and Applied Analysis (1996-present)
- Communications in Applied Analysis (1997-present)
- Nonlinear Analysis (1997-2014)
- Journal for Analysis and its Applications (1998-present)
- Nonlinear Analysis Forum (2000-present)
- Journal of Nonlinear and Convex Analysis (2000-present)
- Journal of Nonlinear Functional Analysis (2000-present)
- International Journal of Pure and Applied Mathematics (2002-present)
- Fixed Point Theory and Applications (2004-present)
- Journal of Inequalities and Applications (2005-present)
- Journal of Mathematics and Applications (2006-present)
- Journal of Fixed Point Theory and Applications (2007-present)
- Complex Analysis and Operator Theory (2007-present)
- Journal of Applied Analysis (2009-present)
- The Journal of Analysis (2009-present)
- Journal of Nonlinear Analysis and Optimization (2010-present)
- Israel Journal of Mathematics (2014-present)

## Membership in Professional Societies

American Mathematical Society, Mathematical Association of America, Society for Industrial and Applied Mathematics, Israel Mathematical Union.

## Graduate Students

M.M. Israel, Jr.	Ph.D., 1981 “Contributions to the theory of nonlinear semigroups and nonlinear evolution equations in Banach spaces”.
D.S. Hulbert	Ph.D., 1983 “Asymptotic behavior of solutions to nonlinear Volterra integral equations in Banach spaces”.
E.I. Poffald	Ph.D., 1984 “Second order differential equations associated with accretive operators in Banach spaces”.
I. Shafrir	M.Sc., 1986 “On the asymptotic behavior of nonexpansive iterations in Banach spaces and in the Hilbert ball”.
J.M. Dye	Ph.D., 1987 “Products of contractions”.
I. Shafrir	D.Sc., 1990 “Operators in hyperbolic spaces”.
Y.S. Lee	Ph.D., 1992 “Convergence of nonlinear algorithms”.
E. Dreyman	M.Sc., 1996 “Products of projections in Hilbert space”.
M. Souliman	M.Sc., 1997 “Parallel algorithms for convex feasibility problems”.
M. Gabour	Ph.D., 2002 “Some methods for solving convex feasibility and optimization problems”.
E. Masad	M.Sc., 2002 “Convergence of learning processes in uncertainty spaces”.
S. Bartz	M.Sc., 2005 “On the subdifferential”.
A. Goldvard	Ph.D., 2007 “Semigroups and geometric function theory in $J^*$ -algebras”.
E. Masad	Ph.D., 2008 “Skew products of topological flows and applications to nonlinear analysis”.
M. Levenshtein	Ph.D., 2009 “Rigidity theory for holomorphic mappings”.
A. Aleyner	Ph.D., 2009 “Iterative methods for solving convex feasibility problems”.
A. Wallwater	M.Sc., 2009 “Almost convergence and a dual ergodic theorem for nonlinear semigroups in Banach spaces”.
D. Reem	Ph.D., 2010 “Voronoi and zone diagrams”.

- A. Gibali Ph.D., 2012  
“Algorithms for solving monotone variational inequalities and applications”.
- S. Sabach Ph.D., 2012  
“Iterative methods for solving optimization problems”.
- S. Bartz Ph.D., 2013  
“On abstract convex antiderivatives in analysis and geometry”.
- L. Shemen M. Sc., 2013.  
“Iterative methods for nonlinear problems”.
- W. Boulos M. Sc., 2013.  
“Best approximations, farthest points, and porosity in Banach and hyperbolic spaces”.
- Z. Salinas M. Sc., 2015  
“Infinite products of operators”.

## LIST OF PUBLICATIONS

**D.Sc. Thesis:** On the fixed point theorems of Banach and Schauder, 1973.

*Dissertation Abstracts International*, Volume 34, No. 11, Ann Arbor, MI, 1974.

### Papers in Journals

1. S. Reich, On the rational positive solutions of  $m^n = n^m$  with  $m > n$ , *Amer. Math. Monthly* **75** (1968), 1104.
2. S. Reich, On mean value theorems, *Amer. Math. Monthly* **76** (1969), 70-73.
3. S. Reich, On Aitken's  $\Delta^2$ -method, *Amer. Math. Monthly* **77** (1970), 283-284.
4. S. Reich, Squares in a triangle, *Math. Gaz.* **54** (1970), 145.
5. S. Reich, Two-dimensional lattices and convex domains, *Math. Mag.* **43** (1970), 219-220.
6. S. Reich, Nets and uniform continuity, *Delta* **2** (1-2) (1971), 20-23.
7. S. Reich, On an inequality for the perimeter of the orthic triangle, *Delta* **2** (3) (1971), 34-35.
8. S. Reich, Kannan's fixed point theorem, *Boll. Un. Mat. Ital.* **4** (1971), 1-11.
9. S. Reich, Schwarz differentiability and differentiability, *Math. Mag.* **44** (1971), 214-216.
10. S. Reich, On a problem in number theory, *Math. Mag.* **44** (1971), 277-278; **48** (1975), 49.
11. S. Reich, A fixed point theorem, *Atti Accad. Naz. Lincei* **51** (1971), 26-28.
12. S. Reich, A fixed point theorem in locally convex spaces, *Bull. Cal. Math. Soc.* **63** (1971), 199-200.
13. S. Reich, Another solution of an old problem of Pólya, *Amer. Math. Monthly* **78** (1971), 649-650.
14. S. Reich, Characteristic vectors of nonlinear operators, *Atti Accad. Naz. Lincei* **50** (1971), 682-685.
15. S. Reich, Fixed points of multi-valued functions, *Atti Accad. Naz. Lincei* **51** (1971), 32-35.
16. S. Reich, Fixed points in complete metric spaces, *Atti Accad. Naz. Lincei* **51** (1971), 270-273.
17. S. Reich, Some remarks concerning contraction mappings, *Canad. Math. Bull.* **14** (1971), 121-124.
18. S. Reich, A fixed point theorem for locally contractive multivalued functions, *Rev. Roumaine Math. Pures Appl.* **17** (1972), 569-572.

19. S. Reich, Some remarks on fixed point sets, *Delta* **3** (2) (1972), 38-43.
20. S. Reich, Fixed points in locally convex spaces, *Math. Z.* **125** (1972), 17-31.
21. S. Reich, Fixed points of contractive functions, *Boll. Un. Mat. Ital.* **5** (1972), 26-42.
22. S. Reich, Remarks on fixed points I, II, *Atti Accad. Naz. Lincei* **52** (1972), 689-697; **53** (1972), 250-254.
23. S. Reich, Fixed points via Toeplitz iteration, *Bull. Cal. Math. Soc.* **65** (1973), 203-207.
24. S. Reich, Fixed points of condensing functions, *J. Math. Anal. Appl.* **41** (1973), 460-467.
25. S. Reich, Fixed points of nonexpansive functions, *J. London Math. Soc.* **7** (1973), 5-10.
26. S. Reich, A remark on  $C_\sigma$  spaces, *Proc. Amer. Math. Soc.* **40** (1973), 215-216.
27. S. Reich, Asymptotic behavior of contractions in Banach spaces, *J. Math. Anal. Appl.* **44** (1973), 57-70.
28. S. Reich, Iterative solution of linear operator equations in Banach spaces, *Atti Accad. Naz. Lincei* **54** (1973), 551-554.
29. S. Reich, Extreme invariant operators, *Atti Accad. Naz. Lincei* **55** (1973), 31-36.
30. S. Reich, Quasi-cliques, *Delta* **4** (1) (1974), 26-28.
31. S. Reich, Asymptotic behavior of semigroups of nonlinear contractions in Hilbert spaces, *Atti Accad. Naz. Lincei* **56** (1974), 866-872.
32. S. Reich, Some fixed point problems, *Atti Accad. Naz. Lincei* **57** (1974), 194-198.
33. S. Reich, A Poincaré type coincidence theorem, *Amer. Math. Monthly* **81** (1974), 52-53.
34. S. Reich, Approximating zeros of accretive operators, *Proc. Amer. Math. Soc.* **51** (1975), 381-384.
35. S. Reich, Fixed point iterations of nonexpansive mappings, *Pacific J. Math* **60** (2) (1975), 195-198.
36. S. Reich, Minimal displacement of points under weakly inward pseudo-lipschitzian mappings, I, II, *Atti Accad. Naz. Lincei* **59** (1975) 40-44; **60** (1976), 95-96.
37. S. Reich, The fixed point property for nonexpansive mappings, I, II, *Amer. Math. Monthly* **83** (1976), 266-268; **87** (1980), 292-294.
38. S. Reich, Asymptotic behavior of semigroups of nonlinear contractions in Banach spaces, *J. Math. Anal. Appl.* **53** (1976), 277-290.
39. S. Reich, On fixed point theorems obtained from existence theorems for differential equations, *J. Math. Anal. Appl.* **54** (1976), 26-36.
40. S. Reich, A remark on set-valued mappings that satisfy the Leray-Schauder condition, I, II, *Atti Accad. Naz. Lincei* **61** (1976), 193-194; **66** (1979), 1-2.

41. S. Reich, A minimal displacement problem, *Comment. Math. Univ. St. Pauli* **26** (1977), 131-135.
42. S. Reich, Nonlinear evolution equations and nonlinear ergodic theorems, *Nonlinear Analysis* **1** (1977), 319-330.
43. S. Reich, Extension problems for accretive sets in Banach spaces, *J. Functional Analysis* **26** (1977), 378-395.
44. R. E. Bruck and S. Reich, Nonexpansive projections and resolvents of accretive operators in Banach spaces, *Houston J. Math.* **3** (1977), 459-470.
45. S. Reich, A remark on the minimum property, *Atti Accad. Naz. Lincei* **62** (1977), 740-741.
46. S. Reich, On infinite products of resolvents, *Atti Accad. Naz. Lincei* **63** (1977), 338-340.
47. S. Reich, A random fixed point theorem for set-valued mappings, *Atti Accad. Naz. Lincei* **64** (1978), 65-66.
48. S. Reich, Approximate selections, best approximations, fixed points, and invariant sets, *J. Math. Anal. Appl.* **62** (1978), 104-113.
49. S. Reich, An iterative procedure for constructing zeros of accretive sets in Banach spaces, *Nonlinear Analysis* **2** (1978), 85-92.
50. J. B. Baillon, R. E. Bruck and S. Reich, On the asymptotic behavior of nonexpansive mappings and semigroups in Banach spaces, *Houston J. Math.* **4** (1978), 1-9.
51. S. Reich, Almost convergence and nonlinear ergodic theorems, *J. Approximation Theory* **24** (1978), 269-272.
52. S. Reich, Asymptotic behavior of resolvents in Banach spaces, *Atti Accad. Naz. Lincei* **67** (1979), 27-30.
53. S. Reich, A remark on a problem of Asplund, *Atti Accad. Naz. Lincei* **67** (1979), 204-205.
54. S. Reich, Weak convergence theorems for nonexpansive mappings in Banach spaces, *J. Math. Anal. Appl.* **67** (1979), 274-276.
55. S. Reich, Constructing zeros of accretive operators, I, II, *Applicable Analysis* **8** (1979), 349-352; **9** (1979), 159-163.
56. S. Reich, The range of sums of accretive and monotone operators, *J. Math. Anal. Appl.* **68** (1979), 310-317.
57. O. Nevanlinna and S. Reich, Strong convergence of contraction semigroups and of iterative methods for accretive operators in Banach spaces, Mathematics Research Center Report # 1856, 1978; *Israel J. Math.* **32** (1979), 44-58.
58. S. Reich, Fixed point theorems for set-valued mappings, *J. Math. Anal. Appl.* **69** (1979), 353-358.
59. S. Reich, A fixed point theorem for Fréchet spaces, *J. Math. Anal. Appl.* **78** (1980), 33-35.

60. S. Reich, Product formulas, nonlinear semigroups, and accretive operators, *J. Functional Analysis* **36** (1980), 147-168.
61. S. Reich, Strong convergence theorems for resolvents of accretive operators in Banach spaces, *J. Math. Anal. Appl.* **75** (1980), 287-292.
62. S. Reich, A solution to a problem on the asymptotic behavior of nonexpansive mappings and semigroups, *Proc. Japan Acad.* **56** (1980), 85-87.
63. R. E. Bruck and S. Reich, A general convergence principle in nonlinear functional analysis, *Nonlinear Analysis* **4** (1980), 939-950.
64. S. Reich, Convergence and approximation of nonlinear semigroups, *J. Math. Anal. Appl.* **76** (1980), 77-83.
65. H. G. Kaper, G. K. Leaf and S. Reich, Convergence of semigroups with an application to the Carleman equation, *Math. Meth. Appl. Sci.* **2** (1980), 303-308.
66. S. Reich and R. Torrejón, Zeros of accretive operators, *Comment. Math. Univ. Carolinae* **21** (1980), 619-625.
67. S. Reich, On the asymptotic behavior of nonlinear semigroups and the range of accretive operators, I, II, Mathematics Research Center Report #2198, 1981; *J. Math. Anal. Appl.* **79** (1981), 113-126; **87** (1982), 134-146.
68. M. M. Israel, Jr. and S. Reich, Asymptotic behavior of solutions of a nonlinear evolution equation, *J. Math. Anal. Appl.* **83** (1981), 43-53.
69. S. Reich, A nonlinear Hille-Yosida theorem in Banach spaces, *J. Math. Anal. Appl.* **84** (1981), 1-5.
70. B. Calvert and S. Reich, A characterization of smooth Banach spaces, *Proc. Japan Acad.* **57** (1981), 450-453.
71. S. Reich, A characterization of nonlinear  $\phi$ -accretive operators, *Manuscripta Math.* **36** (1981), 163-178.
72. R. E. Bruck and S. Reich, Accretive operators, Banach limits, and dual ergodic theorems, *Bull. Acad. Polon. Sci.* **29** (1981), 585-589.
73. R. E. Bruck, W. A. Kirk and S. Reich, Strong and weak convergence theorems for locally nonexpansive mappings in Banach spaces, *Nonlinear Analysis* **6** (1982), 151-155.
74. B. Calvert and S. Reich, A note on resolvent consistency, *Bull. Inst. Math. Acad. Sinica* **10** (1982), 61-67.
75. S. Reich, A complement to Trotter's product formula for nonlinear semigroups generated by the subdifferentials of convex functionals, *Proc. Japan Acad.* **58** (1982), 193-195.
76. K. Goebel and S. Reich, Iterating holomorphic self-mappings of the Hilbert ball, *Proc. Japan Acad.* **58** (1982), 349-352.
77. A. T. Plant and S. Reich, Nonlinear rotative semigroups, *Proc. Japan Acad.* **58** (1982), 398-401.



78. S. Reich, A note on the mean ergodic theorem for nonlinear semigroups, *J. Math. Anal. Appl.* **91** (1983), 547-551.
79. M. M. Israel, Jr. and S. Reich, Extension and selection problems for nonlinear semigroups in Banach spaces, *Math. Japonica* **28** (1983), 1-8.
80. S. Reich, The almost fixed point property for nonexpansive mappings, *Proc. Amer. Math. Soc.* **88** (1983), 44-46.
81. S. Reich, A limit theorem for projections, *Linear and Multilinear Algebra* **13** (1983), 281-290.
82. S. Reich, Solutions of two problems of H. Brezis, *J. Math. Anal. Appl.* **95** (1983), 243-250.
83. A. T. Plant and S. Reich, The asymptotics of nonexpansive iterations, *J. Functional Analysis* **54** (1983), 308-319.
84. S. Reich, New results concerning accretive operators and nonlinear semigroups, *J. Math. Phys. Sci.* **18** (1984), 91-97.
85. D. S. Hulbert and S. Reich, Asymptotic behavior of solutions to nonlinear Volterra integral equations, *J. Math. Anal. Appl.* **104** (1984), 155-172.
86. S. Reich, Averaged mappings in the Hilbert ball, *J. Math. Anal. Appl.* **109** (1985), 199-206.
87. E. I. Poffald and S. Reich, An incomplete Cauchy problem, *J. Math. Anal. Appl.* **113** (1986), 514-543.
88. S. Reich, Admissible pairs and integral equations, *J. Math. Anal. Appl.* **121** (1987), 79-90.
89. S. Reich and I. Shafrir, The asymptotic behavior of firmly nonexpansive mappings, *Proc. Amer. Math. Soc.* **101** (1987), 246-250.
90. H. T. Banks, S. Reich and I. G. Rosen, Parameter estimation in nonlinear distributed systems - approximation theory and convergence results, *Appl. Math. Letters* **1** (1988), 211-216.
91. H. T. Banks, S. Reich and I. G. Rosen, An approximation theory for the identification of nonlinear distributed parameter systems, Lefschetz Center for Dynamical Systems Report #88-8, *SIAM J. Control and Optimization* **28** (1990), 552-569.
92. M. A. Khamsi, W. M. Kozłowski and S. Reich, Fixed point theory in modular function spaces, *Nonlinear Analysis* **14** (1990), 935-953.
93. S. Reich and I. Shafrir, Nonexpansive iterations in hyperbolic spaces, Technion Preprint Series, No. MT-854, 1989, *Nonlinear Analysis* **15** (1990), 537-558.
94. H. T. Banks, S. Reich and I. G. Rosen, Estimation of nonlinear damping in second order distributed parameter systems, ICASE Report #89-16, *Control - Theory and Advanced Technology* **6** (1990), 395-415.
95. M. A. Khamsi and S. Reich, Nonexpansive mappings and semigroups in hyperconvex spaces, *Math Japonica* **35** (1990), 467-471.

96. S. Aizicovici, S. O. Londen and S. Reich, Asymptotic behavior of solutions to a class of nonlinear Volterra equations, CMU Research Report No. 89-52, *Differential and Integral Equations* **3** (1990), 813-825.
97. J. Dye, M. A. Khamsi and S. Reich, Random products of contractions in Banach spaces, *Trans. Amer. Math. Soc.* **325** (1991), 87-99.
98. H. T. Banks, S. Reich and I. G. Rosen, Galerkin approximation for inverse problems for nonautonomous nonlinear distributed systems, ICASE Report #88-38, *Applied Math. and Optimization* **24** (1991), 233-256.
99. J. M. Dye and S. Reich, On the unrestricted iteration of projections in Hilbert space, CAMS Report #89-7, *J. Math. Anal. Appl.* **156** (1991), 101-119.
100. S. Reich, The asymptotic behavior of a class of nonlinear semigroups in the Hilbert ball, *J. Math. Anal. Appl.* **157** (1991), 237-242.
101. S. Reich and I. Shafrir, An existence theorem for a difference inclusion in general Banach spaces, CAMS Report #91-2, *J. Math. Anal. Appl.* **160** (1991), 406-412.
102. S. Reich, Approximating fixed points of holomorphic mappings, CAMS Report #91-4, *Math. Japonica* **37** (1992), 457-459.
103. J. M. Dye and S. Reich, Unrestricted iterations of nonexpansive mappings in Hilbert space, CAMS Report #91-3, *Nonlinear Analysis* **18** (1992), 199-207.
104. J. Borwein, S. Reich and I. Shafrir, Krasnoselskii-Mann iterations in normed spaces, *Canad. Math. Bull.* **35** (1992), 21-28.
105. J. M. Dye and S. Reich, Unrestricted iterations of nonexpansive mappings in Banach spaces, CAMS Report #91-14, *Nonlinear Analysis* **19** (1992), 983-992.
106. S. Aizicovici and S. Reich, Anti-periodic solutions to difference inclusions in Banach spaces, *Dynamic Systems and Applications* **1** (1992), 121-130.
107. T. Kuczumow, S. Reich and M. Schmidt, A fixed point property of  $\ell_1$ -product spaces, *Proc. Amer. Math. Soc.* **119** (1993), 457-463.
108. S. Reich, The alternating algorithm of von Neumann in the Hilbert ball, *Dynamic Systems and Applications* **2** (1993), 21-26.
109. T. Kuczumow, S. Reich, M. Schmidt and A. Stachura, Strong asymptotic normal structure and fixed points in product spaces, *Nonlinear Analysis* **21** (1993), 501-515.
110. S. Aizicovici, S. Reich and I. G. Rosen, An approximation theory for the identification of nonlinear Volterra equations, CAMS Report #92-1, *Numerical Functional Analysis and Optimization* **14** (1993), 213-227.
111. R. E. Bruck, T. Kuczumow and S. Reich, Convergence of iterates of asymptotically non-expansive mappings in Banach spaces with the uniform Opial property, *Colloquium Math.* **65** (1993), 169-179.
112. C. Mao, S. Reich and I. G. Rosen, Approximation in the identification of nonlinear degenerate distributed parameter systems, *Nonlinear Analysis* **22** (1994), 91-120.

113. T. Kuczumow, S. Reich, M. Schmidt and A. Stachura, The product retraction property for the  $c_0$ -product of countably many metric spaces, *Math. Japonica* **39** (1994), 73-79.
114. T. Kuczumow, S. Reich and A. Stachura, Minimal displacement of points under holomorphic mappings and fixed point properties for unions of convex sets, CAMS Report #93-7, *Trans. Amer. Math. Soc.* **343** (1994), 575-586.
115. T. Kuczumow and S. Reich, Opial's property and James' quasi-reflexive spaces, *Comment. Math. Univ. Carolinae* **35** (1994), 283-289.
116. S. Reich, Approximating fixed points of nonexpansive mappings, *Panamerican Math. J.* **4** (2) (1994), 23-28.
117. Ya. I. Alber and S. Reich, An iterative method for solving a class of nonlinear operator equations in Banach spaces, *Panamerican Math. J.* **4** (2) (1994), 39-54.
118. S. Reich and H.-K. Xu, Nonlinear ergodic theory for semigroups of Lipschitzian mappings, *Comm. Appl. Nonlinear Analysis* **1** (3) (1994), 47-60.
119. Y. S. Lee and S. Reich, Convergence of nonlinear algorithms, CAMS Report #93-17, *J. Korean Math. Soc.* **32** (1995), 115-139.
120. Y. S. Lee and S. Reich, Convergence of accretive operators and nonlinear semigroups, CAMS Report #93-8, *Comm. Appl. Nonlinear Analysis* **2** (1) (1995), 11-46.
121. V. Khatskevich, S. Reich and D. Shoikhet, Fixed point theorems for holomorphic mappings and operator theory in indefinite metric spaces, Technion Preprint Series No. MT-1000, 1994, *Integral Equations Operator Theory* **22** (1995), 305-316.
122. V. Khatskevich, S. Reich and D. Shoikhet, A global implicit function theorem and fixed point theorems for holomorphic mappings and semigroups (an announcement), *Doklady Akademii Nauk* **347** (1996), 743-745.
123. J. M. Dye, T. Kuczumow, P.-K. Lin and S. Reich, Convergence of unrestricted products of nonexpansive mappings in spaces with the Opial property, *Nonlinear Analysis* **26** (1996), 767-773.
124. V. Khatskevich, S. Reich and D. Shoikhet, Global implicit function and fixed point theorems for holomorphic mappings and semigroups, Technion Preprint Series No. MT-993, 1994, *Complex Variables* **28** (1996), 347-356.
125. S. Reich and D. Shoikhet, Generation theory for semigroups of holomorphic mappings, *Abstract and Applied Analysis* **1** (1996), 1-44.
126. Y. Censor and S. Reich, Iterations of paracontractions and firmly nonexpansive operators with applications to feasibility and optimization, Technion Preprint Series, No. MT-1005, 1995, *Optimization* **37** (1996), 323-339.
127. L. Aizenberg, S. Reich and D. Shoikhet, One-sided estimates for the existence of null points of holomorphic mappings in Banach spaces, *J. Math. Anal. Appl.* **203** (1996), 38-54.
128. D. Butnariu, Y. Censor and S. Reich, Iterative averaging of entropic projections for solving stochastic convex feasibility problems, Technion Preprint Series No. MT-1010, 1995, *Computational Optimization and Applications* **8** (1997), 21-39.

129. V. Khatskevich, S. Reich and D. Shoikhet, Complex dynamical systems on bounded symmetric domains, *Electronic J. Differential Equations* **1997** (19) (1997), 1-9.
130. S. Reich and D. Shoikhet, Semigroups and generators on convex domains with the hyperbolic metric, *Atti. Accad. Naz. Lincei* **8** (1997), 231-250.
131. S. Reich and D. Shoikhet, Results and conjectures in holomorphic fixed point theory, *Nonlinear Analysis* **30** (1997), 3529-3538.
132. V. Khatskevich, D. Shoikhet and S. Reich, Semi-complete vector fields on homogeneous open balls in Banach spaces, *Ann. Univ. Mariae Curie-Sklodowska* **51** (1997), 143-148.
133. T. Kuczumov and S. Reich, An application of Opial's modulus to the fixed point theory of semigroups of Lipschitzian mappings, *Ann. Univ. Mariae Curie-Sklodowska* **51** (1997), 185-192.
134. S. Reich and D. Shoikhet, The Denjoy-Wolff theorem, *Ann. Univ. Mariae Curie-Sklodowska* **51** (1997), 219-240.
135. V. Khatskevich, S. Reich and D. Shoikhet, Asymptotic behavior of solutions of evolution equations and the construction of holomorphic retractions, *Math. Nachrichten* **189** (1998), 171-178.
136. M. Böhm, M. A. Demetriou, S. Reich and I. G. Rosen, Model reference adaptive control of distributed parameter systems, *SIAM J. Control and Optimization* **36** (1998), 33-81.
137. S. Reich and D. Shoikhet, Averages of holomorphic mappings and holomorphic retractions on complex hyperbolic domains, *Studia Math.* **130** (1998), 231-244.
138. S. Reich and D. Shoikhet, A characterization of holomorphic generators on the Cartesian product of Hilbert balls, *Taiwanese J. Math.* **2** (1998), 383-396.
139. Y. Censor and S. Reich, The Dykstra algorithm with Bregman projections, *Comm. Applied Analysis* **2** (1998), 407-419.
140. S. Reich and D. Shoikhet, Metric domains, holomorphic mappings and nonlinear semigroups, *Abstract and Applied Analysis* **3** (1998), 203-228.
141. A. S. Ackleh, R. R. Ferdinand and S. Reich, Numerical studies of parameter estimation techniques for nonlinear evolution equations, *Kybernetika* **34** (1998), 693-712.
142. M. Budzynska, T. Kuczumow and S. Reich, Uniform asymptotic normal structure, the uniform semi-Opial property, and fixed points of asymptotically regular uniformly Lipschitzian semigroups, Parts I and II, *Abstract and Applied Analysis* **3** (1998), 133-151; 247-263.
143. A. S. Ackleh and S. Reich, Parameter estimation in nonlinear evolution equations, *Numerical Functional Analysis and Optimization* **19** (1998), 933-947; **20** (1999), 1003-1004.
144. S. Aizicovici, Y. Q. Chen and S. Reich, Accretive operators in locally convex spaces, *Panamerican Math. J.* **9** (1) (1999), 1-10.
145. S. Aizicovici and S. Reich, Antiperiodic solutions to a class of non-monotone evolution equations, *Discrete and Continuous Dynamical Systems* **5** (1999), 35-42.

146. S. Reich and A. J. Zaslavski, Convergence of generic infinite products of nonexpansive and uniformly continuous operators, *Nonlinear Analysis* **36** (1999), 1049-1065.
147. S. Reich and A. J. Zaslavski, Convergence of generic infinite products of order-preserving mappings, *Positivity* **3** (1999), 1-21.
148. J. Kapeluszny, T. Kuczumow and S. Reich, The Denjoy-Wolff theorem in the open unit ball of a strictly convex Banach space, *Advances in Mathematics* **143** (1999), 111-123.
149. S. Reich and D. Shoikhet, An interior flow invariance condition for nonlinear semigroups on convex domains in Banach spaces, *Numerical Functional Analysis and Optimization* **20** (1999), 333-339.
150. S. Reich and A. J. Zaslavski, Generic convergence of infinite products of positive linear operators, *Integral Equations and Operator Theory* **35** (1999), 232-252.
151. S. Reich and A. J. Zaslavski, Convergence of generic infinite products of homogeneous order-preserving mappings, *Discrete and Continuous Dynamical Systems* **5** (1999), 929-945.
152. D. Butnariu, S. Reich and A. J. Zaslavski, Generic power convergence of operators in Banach spaces, *Numerical Functional Analysis and Optimization* **20** (1999), 629-650.
153. J. Kapeluszny, T. Kuczumow and S. Reich, The Denjoy-Wolff theorem for condensing holomorphic mappings, *J. Functional Analysis* **167** (1999), 79-93.
154. D. Aharonov, S. Reich and D. Shoikhet, Flow invariance conditions for holomorphic mappings in Banach spaces, *Math. Proceedings of the Royal Irish Academy* **99A** (1999), 93-104.
155. D. Aharonov, M. Elin, S. Reich and D. Shoikhet, Parametric representations of semi-complete vector fields on the unit balls in  $C^n$  and in Hilbert space, *Atti Accad. Naz. Lincei* **10** (1999), 229-253.
156. L. M. Bregman, Y. Censor and S. Reich, Dykstra's algorithm as the nonlinear extension of Bregman's optimization method, *J. Convex Analysis* **6** (1999), 319-333.
157. S. Reich and A. J. Zaslavski, Convergence of generic infinite products of affine operators, *Abstract and Applied Analysis* **4** (1999), 1-19.
158. W. Kaczor, T. Kuczumow and S. Reich, A mean ergodic theorem for nonlinear semigroups which are asymptotically nonexpansive in the intermediate sense, *J. Math. Anal. Appl.* **246** (2000), 1-27.
159. S. Reich and A. J. Zaslavski, Asymptotic behavior of dynamical systems with a convex Lyapunov function, *J. Nonlinear and Convex Analysis* **1** (2000), 107-113.
160. S. Reich and A. J. Zaslavski, Generic convergence of descent methods in Banach spaces, *Mathematics of Operations Research* **25** (2000), 231-242.
161. S. Reich, A. Rubinov and A. J. Zaslavski, Generic power convergence of order-preserving mappings, *Nonlinear Analysis* **40** (2000), 537-547.
162. M. A. Demetriou, A. S. Ackleh and S. Reich, Detection and accommodation of second order distributed parameter systems with abrupt changes in the input term: existence and approximation, *Kybernetika* **36** (2000), 117-132.

163. S. Reich and A. J. Zaslavski, Infinite products of resolvents of accretive operators, *Topological Methods in Nonlinear Analysis* **15** (2000), 153-168.
164. S. Reich and A. J. Zaslavski, Convergence of Krasnoselskii-Mann iterations of nonexpansive operators, *Mathematical and Computer Modelling* **32** (2000), 1423-1431.
165. A. S. Ackleh, S. Aizicovici and S. Reich, Parameter identification in nonlocal nonlinear evolution equations, *Numerical Functional Analysis and Optimization* **21** (2000), 553-570.
166. L. A. Harris, S. Reich and D. Shoikhet, Dissipative holomorphic functions, Bloch radii, and the Schwarz lemma, *J. d'Analyse Math.* **82** (2000), 221-232.
167. M. Elin, S. Reich and D. Shoikhet, Holomorphically accretive mappings and spiral-shaped functions of proper contractions, *Nonlinear Analysis Forum* **5** (2000), 149-161.
168. S. Reich and A. J. Zaslavski, Almost all nonexpansive mappings are contractive, *C. R. Math. Rep. Acad. Sci. Canada* **22** (2000), 118-124.
169. Y. Alber, S. Guerre-Delabrière and S. Reich, Convergence of averaged approximations to null points of a class of nonlinear operators, *Comm. Appl. Nonlinear Analysis* **7** (3) (2000), 1-20.
170. T. Kuczumow, S. Reich and D. Shoikhet, The existence and non-existence of common fixed points for commuting families of holomorphic mappings, *Nonlinear Analysis* **43** (2001), 45-59.
171. S. Aizicovici, M. McKibben and S. Reich, Anti-periodic solutions to non-monotone evolution equations with discontinuous nonlinearities, *Nonlinear Analysis* **43** (2001), 233-251.
172. J. Garcia Falset, W. Kaczor, T. Kuczumow and S. Reich, Weak convergence theorems for asymptotically nonexpansive mappings and semigroups, *Nonlinear Analysis* **43** (2001), 377-401.
173. S. Reich and A. J. Zaslavski, Attracting mappings in Banach and hyperbolic spaces, *J. Math. Anal. Appl.* **253** (2001), 250-268.
174. M. Elin, S. Reich and D. Shoikhet, Dynamics of inequalities in geometric function theory, *J. of Inequalities and Applications* **6** (2001), 651-664.
175. S. Reich and A. J. Zaslavski, The set of divergent descent methods in a Banach space is  $\sigma$ -porous, *SIAM J. Optimization* **11** (2001), 1003-1018.
176. S. Reich and A. J. Zaslavski, The set of noncontractive mappings is  $\sigma$ -porous in the space of all nonexpansive mappings, *C. R. Acad. Sci. Paris* **333** (2001), 539-544.
177. S. Reich and A. J. Zaslavski, Generic convergence of infinite products, *Journal of Nonlinear and Convex Analysis* **2** (2001), 111-127.
178. W. Kaczor, T. Kuczumow and S. Reich, A mean ergodic theorem for mappings which are asymptotically nonexpansive in the intermediate sense, *Nonlinear Analysis* **47** (2001), 2731-2742.
179. S. Reich and A. J. Zaslavski, Porosity of the set of divergent descent methods, *Nonlinear Analysis* **47** (2001), 3247-3258.

180. M. Elin, S. Reich and D. Shoikhet, A semigroup approach to the geometry of domains in complex Banach spaces, *Nonlinear Analysis* **47** (2001), 3271-3280.
181. V. Khatskevich, S. Reich and D. Shoikhet, Schröder's functional equation and the Koenigs embedding property, *Nonlinear Analysis* **47** (2001), 3977-3988.
182. S. Reich and A. J. Zaslavski, Generic existence and uniqueness of positive eigenvalues and eigenvectors, *Integral Equations and Operator Theory* **41** (2001), 455-471.
183. D. Butnariu, S. Reich and A. J. Zaslavski, Asymptotic behavior of relatively nonexpansive operators in Banach spaces, *Journal of Applied Analysis* **7** (2001), 151-174.
184. S. Reich and A. J. Zaslavski, Well-posedness of fixed point problems, *Far East J. Math. Sci., Special Volume (Functional Analysis and its Applications)* part III (2001), 393-401.
185. S. Reich and A. J. Zaslavski, Well-posedness and porosity in best approximation problems, *Topological Methods of Nonlinear Analysis* **18** (2001), 395-408.
186. Y. Alber, S. Reich and D. Shoikhet, Iterative approximations of null points of uniformly accretive operators with estimates of the convergence rate, *Communications in Applied Analysis* **6** (2002), 104-123.
187. S. Reich and A. J. Zaslavski, Well-posedness of generalized best approximation problems, *Journal of Nonlinear Functional Analysis and Applications* **7** (2002), 115-128.
188. S. Reich and A. J. Zaslavski, Generic existence of fixed points for set-valued mappings, *Set-Valued Anal.* **10** No. 4 (2002), 287-296.
189. M. Elin, S. Reich and D. Shoikhet, Asymptotic behavior of semigroups of  $\rho$ -nonexpansive and holomorphic mappings on the Hilbert ball, *Ann. Mat. Pura Appl.* **181** No. 4 (2002), 501-526.
190. B. Neta, S. Reich and H. D. Victory, Jr., Galerkin spectral synthesis methods for diffusion equations with general boundary conditions, *Annals of Nuclear Energy* **29** (2002), 913-927.
191. M. Elin, L. A. Harris, S. Reich and D. Shoikhet, Evolution equations and geometric function theory in  $J^*$ -algebras, *Journal of Nonlinear and Convex Analysis* **3** (2002), 81-121.
192. S. Reich and A. J. Zaslavski, The set of divergent infinite products in a Banach space is  $\sigma$ -porous, *Z. Anal. Anwendungen* **21** No. 4 (2002), 868-878.
193. M. Elin, V. Goryainov, S. Reich and D. Shoikhet, Fractional iteration and functional equations for functions analytic in the unit disk, *Comput. Methods Funct. Theory* **2** (2002), 353-366.
194. S. Reich and A. J. Zaslavski, Two convergence results for continuous descent methods, *Electron. J. Differential Equations* (**2003**), No. 24, 11pp.
195. S. Reich and A. J. Zaslavski, A weak ergodic theorem for infinite products of Lipschitzian mappings, *Abstr. Appl. Anal.* **2** (2003), 67-74.
196. T. Donchev, E. Farkhi and S. Reich, Fixed set iterations for relaxed Lipschitz multimaps, *Nonlinear Anal.* **53** (2003), 997-1015.

197. Y. Alber, S. Reich and J.-C. Yao, Iterative methods for solving fixed point problems with nonself-mappings in Banach spaces, *Abstr. Appl. Anal.* (2003), 193–216.
198. S. Reich and H.-K. Xu, An iterative approach to a constrained least squares problem, *Abstr. Appl. Anal.* (2003), 503–512.
199. S. Reich and H.-K. Xu, On a Banach space property of Trubnikov, *Bull. Austral. Math. Soc.* **67** (2003), 503–510.
200. S. Reich and A. J. Zaslavski, A porosity result in best approximation theory, *J. Nonlinear Convex Anal* **4** (2003), 165–173.
201. V. Khatskevich, S. Reich and D. Shoikhet, Abel–Schröder equations for linear fractional mappings and the Koenigs embedding problem, *Acta Sci. Math. (Szeged)* **69** (2003), 67–98.
202. D. Burnariu, S. Reich, A. J. Zaslavski, Weak convergence of orbits of nonlinear operators in reflexive Banach spaces, *Numer. Funct. Anal. Optim.* **24** (2003), 489–508.
203. L. M. Bregman, Y. Censor, S. Reich Y. Zepkowitz-Malachi, Finding the projection of a point onto the intersection of convex sets via projections onto half-spaces, *J. Approx. Theory* **124** (2003), 194–218.
204. W. A. Kirk, S. Reich and P. Veeramani, proximinal retracts and best proximity pair theorems, *Numer. Funct. Anal. Optim.* **24** (2003), 851–862.
205. E. Matoušková and S. Reich, The Hundal example revisited, *J. Nonlinear Convex Anal.* **4** (2003), 411–427.
206. E. Matoušková and S. Reich, Reflexivity and approximate fixed points, *Studia Math.* **159** (2003), 403–415.
207. S. Reich and A. J. Zaslavski, Best approximations and porous sets, *Comment. Math. Univ. Carolin.* **44** (2003), 681–689.
208. H. H. Bauschke, E. Matoušková and S. Reich, Projection and proximal point methods: convergence results and counterexamples, *Nonlinear Anal.* **56** (2004), 715–738.
209. S. Aizicovici, S. Reich and A. Zaslavski, Convergence results for a class of abstract continuous descent methods, *Electron. J. Differential Equations* **2004**, No. 45, 13pp.
210. S. Aizicovici, S. Reich and A. J. Zaslavski, Convergence theorems for continuous descent methods, *J. Evol. Equ.* **4** (2004), 139–156.
211. M. Elin, S. Reich and D. Shoikhet, Complex dynamical systems and the geometry of domains in Banach spaces, *Dissertationes Math. (Rozprawy Mat.)* **427** (2004), 62pp.
212. S. Reich and A. Zaslavski, Generic convergence of iterates for a class of nonlinear mappings, *Fixed Point Theory Appl.* **2004**, No. 3, 211–220.
213. S. Reich and A. Zaslavski, Porous sets and generalized best approximation problems, *Nonlinear Anal. Forum* **9** (2004), 135–152.
214. E. Kopecká and S. Reich, A note on the von Neumann alternating projections algorithm, *J. Nonlinear Convex Anal.* **5** (2004), 379–386.



215. H. H. Bauschke, P. L. Combettes and S. Reich, The asymptotic behavior of the composition of two resolvents, *Nonlinear Anal.* **60** (2005), 283–301.
216. S. Reich and A. Zaslavski, A stability result in fixed point theory, *Fixed Point Theory* **6** (2005), 113–118.
217. S. Reich and S. Simons, Fenchel duality, Fitzpatrick functions and the Kirszbraun–Valentine extension theorem, *Proc. Amer. Math. Soc.* **133** (2005), 2657–2660.
218. S. Aizicovici, S. Reich and A. J. Zaslavski, Most continuous descent methods converge, *Arch. Math. (Basel)* **85** (2005), 268–277.
219. M. Budzyńska and S. Reich, Infinite products of holomorphic mappings, *Abst. Appl. Anal.* **2005** (2005), 327–341.
220. A. Aleyner and S. Reich, An explicit construction of sunny nonexpansive retractions in Banach spaces, *Fixed Point Theory and Applications* **2005** (2005), 295–305.
221. A. Aleyner and S. Reich, A note on explicit iterative constructions of sunny nonexpansive retractions in Banach spaces, *J. Nonlinear Convex Anal* **6** (2005), 525–533.
222. S. Reich and A. J. Zaslavski, Convergent infinite products and the minimization of convex functions, *Ann. Univ. Mariae Curie-Skłodowska Sect. A* **59** (2005), 107–117.
223. S. Reich and A. J. Zaslavski, A note on well-posed null and fixed point problems, *Fixed Point Theory Appl.* **2005**, No. 2, 207–211.
224. S. Reich and A. J. Zaslavski, Convergence of iterates of typical nonexpansive mappings in Banach spaces, *C. R. Math. Acad. Sci. Soc. R. Can.* **27** (2005), 121–128.
225. E. Kopecká and S. Reich, Hyperbolic monotonicity in the Hilbert ball, *Fixed Point Theory Appl.* **2006**, Art. ID 78104, 15 pp.
226. S. Aizicovici, S. Reich and A. J. Zaslavski, Continuous descent methods for the minimization of Lipschitz functions, *Nonlinear Funct. Anal. Appl.* **11** (2006), 59–85.
227. S. Reich and A. J. Zaslavski, Two results on fixed points of set-valued nonexpansive mappings, *Rev. Roumaine Math. Pures Appl.* **51** (2006), 89–94.
228. M. Arav, S. Reich and A. J. Zaslavski, A note on the minimization of convex functions, *Int. J. Pure Appl. Math.* **32** (2006), 65–69.
229. J. García-Falset and S. Reich, Zeroes of accretive operators and the asymptotic behavior of nonlinear semigroups, *Houston J. Math.* **32** (2006), 1197–1225.
230. S. Reich and A. J. Zaslavski, Three examples in metric fixed point theory, *Fixed Point Theory* **7** (2006), 323–332.
231. D. Butnariu, S. Reich and A. J. Zaslavski, There are many totally convex functions, *J. Convex Anal.* **13** (2006), 623–632.
232. S. Bartz, H. H. Bauschke, J. M. Borwein, S. Reich and X. Wang, Fitzpatrick functions, cyclic monotonicity and Rockafellar’s antiderivative, *Nonlinear Anal.* **66** (2007), 1198–1223.

233. D. Reem, S. Reich and A. J. Zaslavski, Two results in metric fixed point theory, *J. Fixed Point Theory Appl.* **1** (2007), 149–157.
234. S. Aizicovici, S. Reich and A. J. Zaslavski, A generic convergence theorem for continuous descent methods in Banach spaces, *Dynamics of Continuous, Discrete and Impulsive Systems* **14** (2007), 137–145.
235. S. Aizicovici, S. Reich and A. J. Zaslavski, Stability of convergent continuous descent methods, *Electron. J. Differential Equations* **2007** (2007), No. 32, 1–6.
236. M. Arav, F. E. Castillo Santos, S. Reich and A. J. Zaslavski, A note on asymptotic contractions, *Fixed Point Theory Appl.* (2007), Art. ID 39465, 6pp.
237. D. Butnariu, S. Reich and A. J. Zaslavski, Asymptotic behavior of inexact orbits for a class of operators in complete metric spaces, *J. Appl. Anal.* **13** (2007), 1–11.
238. A. Aleyner and S. Reich, Implicit and explicit constructions of sunny nonexpansive retractions in Banach spaces, *J. Math. Appl.* **29** (2007), 5–16.
239. T. Donchev, E. Farkhi and S. Reich, Discrete approximations and fixed set iterations in Banach spaces, *SIAM J. Optim* **18** (2007), 895–906.
240. E. Masad and S. Reich, A note on the multiple-set split convex feasibility problem in Hilbert space, *J. Nonlinear Convex Anal.* **8** (2007), 367–371.
241. M. Elin, S. Reich, D. Shoikhet and F. Yacobzon, Asymptotic behavior of one-parameter semigroups and rigidity of holomorphic generators, *Complex Anal. Oper. Theory* **2** (2008), 55–86.
242. M. Elin, S. Reich and D. Shoikhet, A Julia-Carathéodory theorem for hyperbolically monotone mappings in the Hilbert ball *Israel. J. Math.* **164** (2008), 397–411.
243. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, Two rigidity theorems for holomorphic generators of continuous semigroups, *J. Nonlinear Convex Anal.* **9** (2008), 397–411.
244. D. Butnariu, S. Reich and A. J. Zaslavski, Stable convergence theorems for infinite products and powers of nonexpansive mappings, *Numer. Funct. Anal. Optim.* **29** (2008), 304–323.
245. A. Aleyner and S. Reich, Block-iterative algorithms for solving convex feasibility problems in Hilbert and in Banach spaces, *J. Math. Anal. Appl.* **343** (2008), 427–435.
246. S. Reich and A. J. Zaslavski, Two results on Jachymski-Schröder-Stein contractions, *Bull. Pol. Acad. Sci. Math.* **56** (2008), 53–58.
247. S. Reich and A. J. Zaslavski, Regular vector-fields in Banach spaces, *Taiwanese J. Math* **12** (2008), 1165–1176.
248. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, A rigidity theorem for holomorphic generators on the Hilbert ball, *Proc. Amer. Math. Soc.* **136** (2008), 4313–4320.
249. E. Pustylnik, S. Reich and A. J. Zaslavski, Inexact orbits of nonexpansive mappings, *Taiwanese J. Math.* **12** (2008), 1511–1523.

250. S. Reich and A. J. Zaslavski, A convergence theorem for asymptotic contractions, *J. Fixed Point Theory Appl.* **4** (2008), 27–33.
251. M. Elin, M. Levenshtein, S. Reich and D. Shoikhet, Commuting semigroups of holomorphic mappings, *Math. Scand.* **103** (2008), 295–319.
252. E. Kopecká and S. Reich, A note on the approximation of fixed points in the Hilbert ball, *J. Nonlinear Convex Anal.* **9** (2008), 361–367.
253. D. Reem and S. Reich, Zone and double zone diagrams in abstract spaces, *Colloquium Math.* **115** (2009), 129–145.
254. F. Jacobzon, S. Reich and D. Shoikhet, Linear fractional mappings: invariant sets, semigroups and commutativity, *J. Fixed Point Theory Appl.* **5** (2009), 63–91.
255. E. Kopecká and S. Reich, Asymptotic behavior of resolvents of coaccretive operators in the Hilbert ball, *Nonlinear Anal.* **70** (2009), 3187–3194.
256. M. Levenshtein and S. Reich, Approximating fixed points of holomorphic mappings in the Hilbert ball, *Nonlinear Anal.* **70** (2009), 4145–4150.
257. S. Aizicovici, S. Reich and A. J. Zaslavski, Asymptotic behavior of approximate solutions to evolution equations in Banach spaces, *Z. Anal. Anwend.* **28** (2009), 295–303.
258. A. Aleyner and S. Reich, Approximating common fixed points of nonexpansive mappings in Banach spaces, *Fixed Point Theory* **10** (2009), 3–17.
259. F. S. de Blasi, J. Myjak, S. Reich and A. J. Zaslavski, Generic existence and approximation of fixed points for nonexpansive set-valued maps, *Set-Valued Var. Anal.* **17** (2009), 97–112.
260. E. Pustyl'nik, S. Reich and A. J. Zaslavski, Inexact infinite products of nonexpansive mappings, *Numer. Funct. Anal. Optim.* **30** (2009), 632–645.
261. D. Alpay, S. Reich and D. Shoikhet, Rigidity theorems, boundary interpolation and reproducing kernels, *Comput. Methods Funct. Theory* **9** (2009), 347–364.
262. A. Aleyner and S. Reich, Random products of quasi-nonexpansive mappings in Hilbert space, *J. Convex Anal.* **16** (2009), 633–640.
263. E. Pustyl'nik, S. Reich and A. J. Zaslavski, Weak and strong convergence theorems for inexact orbits of uniformly Lipschitzian mappings, *J. Nonlinear Convex Anal.* **10** (2009), 359–367.
264. S. Reich and S. Sabach, A strong convergence theorem for a proximal-type algorithm in reflexive Banach spaces, *J. Nonlinear Convex Anal.* **10** (2009), 471–485.
265. S. Reich and A. J. Zaslavski, Inexact powers and infinite products of nonlinear operators, *Int. J. Math. Stat.* **6** (2010), 89–109.
266. S. Reich and A. J. Zaslavski, Approximating fixed points of contractive set-valued mappings, *Commun. Math. Anal.* **8** (2010), 70–78.
267. S. Aizicovici, S. Reich and A. J. Zaslavski, Minimizing convex functions by continuous descent methods, *Electron. J. Differential Equations* **2010**, No. 19, 1–7.

268. S. Reich and A. J. Zaslavski, Convergence of inexact iterative schemes for nonexpansive set-valued mappings, *Fixed Point Theory Appl.* **2010**, Art. ID 518243, 1–10.
269. S. Reich and A. J. Zaslavski, Existence and approximation of fixed points for set-valued mappings, *Fixed Point Theory Appl.* **2010**, Art. ID 351531, 1–10.
270. S. Reich and S. Sabach, Two strong convergence theorems for a proximal method in reflexive Banach spaces, *Numer. Funct. Anal. Optim.* **31** (2010), 22–44.
271. S. Reich and M. Levenshtein, A rigidity theorem for commuting holomorphic functions on the unit disk, *J. Nonlinear Convex Anal.* **11** (2010), 65–70.
272. S. Reich and A. Wallwater, Almost convergence and a dual ergodic theorem for nonlinear semigroups, *J. Nonlinear Convex Anal.* **11** (2010), 89–99.
273. E. Llorens-Fuster, E. M. Mazcunán-Navarro and S. Reich, The Prolemy and Zbaganu constants of normed spaces, *Nonlinear Anal.* **72** (2010), 3984–3993.
274. S. Reich and S. Sabach, Two strong convergence theorems for Bregman strongly nonexpansive operators in reflexive Banach spaces, *Nonlinear Anal.* **73** (2010), 122–135.
275. D. Alpay, A. Dijkstra, H. Langer, S. Reich and D. Shoikhet, Boundary interpolation and rigidity for generalized Nevanlinna functions, *Math. Nachr.* **283** (2010), 335–364.
276. E. Kopecká and S. Reich, A mean ergodic theorem for nonlinear semigroups on the Hilbert ball, *J. Nonlinear Convex Anal.* **11** (2010), 185–197.
277. M. Elin, D. Khavinson, S. Reich and D. Shoikhet, Linearization models for parabolic dynamical systems via Abel’s functional equation, *Ann. Acad. Sci. Fenn. Math.* **35** (2010), 439–472.
278. D. Butnariu, S. Reich and S. Sabach, A strong vonvergence theorem for resolvents of monotone operators, *J. Convex Anal.* **17** (2010), 991–1006.
279. S. Reich and A. J. Zaslavski, A stable convergence theorem for infinite products of nonexpansive mappings in Banach spaces, *J. Fixed Point Theory* **8** (2010), 395–403.
280. J. García-Falset and S. Reich, Integral solutions to a class of nonlocal evolution equations, *Commun. Contemp. Math.* **12** (2010), 1031–1054.
281. E. Kopecká and S. Reich, Another note on the von Neumann alternating projections algorithm, *J. Nonlinear Convex Anal.* **11** (2010), 455–460.
282. E. Pustyl’nik, S. Reich and A. J. Zaslavski, Convergence of infinite products of nonexpansive operators in Hilbert space, *J. Nonlinear Convex Anal.* **11** (2010), 461–474.
283. M. Budzyńska and S. Reich, Intersections of holomorphic retracts in Banach spaces, *J. Aust. Math. Soc.* **89** (2010), 297–307.
284. S. Bartz and S. Reich, Minimal antiderivatives and monotonicity, *Nonlinear Anal.* **74** (2011), 59–66.
285. S. Reich and S. Sabach, A projection method for solving nonlinear problems in reflexive Banach spaces, *J. Fixed Point Theory Appl.* **9** (2011), 101–116.

286. Y. Censor, A. Gibali and S. Reich, The subgradient extragradient method for solving variational inequalities in Hilbert space, *J. Optim. Theory Appl.* **148** (2011), 318–335.
287. E. Pustyl'nik, S. Reich and A. J. Zaslavski, Convergence of non-cyclic infinite products of operators, *J. Math. Anal. Appl.* **380** (2011), 759–767.
288. E. Kopecká and S. Reich, Alternating projections and orthogonal decompositions, *J. Nonlinear Convex Anal.* **12** (2011), 155–159.
289. J. M. Borwein, S. Reich and S. Sabach, A characterization of Bregman firmly nonexpansive operators using a new monotonicity concept, *J. Nonlinear Convex Anal.* **12** (2011), 161–184.
290. E. Kopecká and S. Reich, Continuous extension operators and convexity, *Nonlinear Anal.* **74** (2011), 6907–6910.
291. S. Reich and L. Shemen, Two algorithms for nonexpansive mappings, *Fixed Point Theory* **12** (2011), 443–448.
292. S. Reich and A. J. Zaslavski, Convergence of perturbed iterates of set-valued mappings, *J. Fixed Point Theory Appl.* **10** (2011), 181–190.
293. W. Kaczor and S. Reich, Ergodic retractions for semigroups in strictly convex Banach spaces, *Taiwanese J. Math.* **15** (2011), 1447–1456.
294. S. Reich and A. J. Zaslavski, Convergence of inexact orbits of contractive mappings in metric spaces, *Comm. Appl. Nonlinear Anal.* **18** (2011), 57–63.
295. Y. Censor, A. Gibali and S. Reich, Strong convergence of subgradient extragradient methods for the variational inequality problem in Hilbert space, *Optim. Methods Softw.* **26** (2011), 827–845.
296. S. Reich and A. J. Zaslavski, Convergence to attractors under perturbations, *Commun. Math. Anal.* **10** (2011), 57–63.
297. G. Kassay, S. Reich and S. Sabach, Iterative methods for solving systems of variational inequalities in reflexive Banach spaces, *SIAM J. Optim.* **21** (2011), 1319–1344.
298. S. Reich and A. J. Zaslavski, A convergence and stability theorem for contractive non-self mappings, *J. Analysis* **19** (2011), 87–94.
299. E. Pustyl'nik, S. Reich and A. J. Zaslavski, New possibilities regarding the alternating projections method, *J. Nonlinear Anal. Optim.* **2** (2011), 33–37.
300. Y. Censor, A. Gibali and S. Reich, Algorithms for the split variational inequality problem, *Numer. Algorithms* **59** (2012), 301–323.
301. E. Kopecká, D. Reem and S. Reich, Zone diagrams in compact subsets of uniformly convex normed spaces, *Israel J. Math.* **188** (2012), 1–23.
302. E. Pustyl'nik, S. Reich and A. J. Zaslavski, Convergence of non-periodic infinite products of orthogonal projections and nonexpansive operators in Hilbert space, *J. Approximation Theory* **164** (2012), 611–624.

303. E. Pustyl'nik, S. Reich and A. J. Zaslavski, Asymptotic behavior of perturbed iterates of set-valued mappings, *Fixed Point Theory* **13** (2012), 165–172.
304. Y. Censor, A. Gibali, S. Reich and S. Sabach, Common solutions to variational inequalities, *Set-Valued Var. Anal.* **20** (2012), 229–247.
305. Y. Censor, A. Gibali and S. Reich, A von Neumann alternating method for finding common solutions to variational inequalities, *Nonlinear Anal.* **75** (2012), 4596–4603.
306. S. Bartz and S. Reich, Abstract convex optimal antiderivatives, *Ann. Inst. H. Poincaré Anal. Non Linéaire* **29** (2012), 435–454.
307. V. Martín-Márquez, S. Reich and S. Sabach, Right Bregman nonexpansive operators in Banach spaces, *Nonlinear Anal.* **75** (2012), 5448–5465.
308. E. Pustyl'nik, S. Reich and A. J. Zaslavski, Asymptotic behavior of infinite products of projection and nonexpansive operators with computational errors, *J. Nonlinear Anal. Optim.* **3** (2012), 79–84.
309. M. Budzyńska, T. Kuczumow and S. Reich, A Denjoy-Wolff theorem for compact holomorphic mappings in reflexive Banach spaces, *J. Math. Anal. Appl.* **396** (2012), 504–512.
310. S. Reich and A. J. Zaslavski, A note on inexact infinite products, *Comm. Appl. Anal.* **16** (2012), 655–664.
311. M. Elin, M. Levenshtein, S. Reich, and D. Shoikhet, Some inequalities for the horosphere function and hyperbolically nonexpansive mappings on the Hilbert ball (Russian), *Sovrem. Mat. Fundam. Napravl.* **45** (2012), 75–93; *J. Math. Sci.* **201** (2014), 595–613.
312. E. Kopecká and S. Reich, A note on alternating projections in Hilbert space, *J. Fixed Point Theory Appl.* **12** (2012), 41–47.
313. C. Byrne, Y. Censor, A. Gibali and S. Reich, The split common null point problem, *J. Nonlinear Convex Anal.* **13** (2012), 759–775.
314. Y. Censor, A. Gibali and S. Reich, Extensions of Korpelevich's extragradient method for the variational inequality problem in Euclidean space, *Optimization* **61** (2012), 1119–1132.
315. V. Martín-Márquez, S. Reich and S. Sabach, Bregman strongly nonexpansive operators in reflexive Banach spaces, *J. Math. Anal. Appl.* **400** (2013), 597–614.
316. S. Reich, A. J. Zaslavski, Approximate fixed points of nonexpansive mappings in unbounded sets, *J. Fixed Point Theory Appl.* **13** (2013), 627–632.
317. T. Jangveladze, Z. Kiguradze, B. Neta and S. Reich, Finite element approximations of a nonlinear diffusion model with memory, *Numer. Algorithms* **64** (2013), 127–155.
318. S. Reich and A. J. Zaslavski, Convergence of inexact iterates of nonexpansive mappings in metric spaces, *Dynam. Systems Appl.* **22** (2013), 419–423.
319. M. Budzyńska, T. Kuczumow and S. Reich, Theorems of Denjoy-Wolff type, *Ann. Mat. Pura Appl.* **192** (2013), 621–648.

320. V. Martín-Márquez, S. Reich and S. Sabach, Iterative methods for approximating fixed points of Bregman nonexpansive operators, *Discrete Contin. Dyn. Syst. Ser. S* **6** (2013), 1043–1063.
321. F. S. de Blasi, S. Reich and A. J. Zaslavski, Generic properties of continuous differential inclusions and the Tonelli method of approximate solutions, *Set-Valued Var. Anal.* **21** (2013), 217–245.
322. E. Pustyl'nik, S. Reich and A. J. Zaslavski, Inner inclination of subspaces and infinite products of orthogonal projections, *J. Nonlinear Convex Anal.* **14** (2013), 423–436.
323. S. Reich, D. Shoikhet and J. Zemánek, Ergodicity, numerical range, and fixed points of holomorphic mappings, *J. Anal. Math.* **11** (2013), 275–303.
324. S. Reich and L. Shemen, A note on Halpern's algorithm in the Hilbert ball, *J. Nonlinear Convex Anal.* **14** (2013), 853–862.
325. M. Budzyńska, T. Kuczumow and S. Reich, A Denjoy-Wolff theorem for compact holomorphic mappings in complex Banach spaces, *Ann. Acad. Sci. Fenn. Math.* **38** (2013), 747–756.
326. A. Cegielski, A. Gibali, S. Reich and R. Zalas, An algorithm for solving the variational inequality problem over the fixed point set of a quasi-nonexpansive operator in Euclidean space, *Numerical Functional Anal. Optimization* **34** (2013), 1067–1096.
327. S. Reich and A. J. Zaslavski, Generic contractivity for a class of nonlinear mappings, *Libertas Math.* **33** (2013), 15–20.
328. S. Reich and A. J. Zaslavski, Three generic results in holomorphic fixed point theory, *Complex Anal. Oper. Theory* **8** (2014), 51–56.
329. E. Pustyl'nik and S. Reich, Infinite products of arbitrary operators and intersections of subspaces in Hilbert space, *J. Approximation Theory* **178** (2014), 91–102.
330. S. Reich and A. J. Zaslavski, Asymptotic behavior of infinite products of nonexpansive mappings in metric spaces, *Z. Anal. Anwend.* **33** (2014), 101–117.
331. S. Reich and A. J. Zaslavski, An example concerning bounded linear regularity of subspaces in Hilbert space, *Bull. Aust. Math. Soc.* **89** (2014), 217–226.
332. M. Gabour, S. Reich and A. J. Zaslavski, A generic fixed point theorem, *Indian J. Math.* **56** (2014), 25–32.
333. S. Reich and A. J. Zaslavski, Porosity and the bounded linear regularity property, *J. Appl. Anal.* **20** (2014), 1–6.
334. S. Bartz and S. Reich, Optimal pricing for optimal transport, *Set-Valued Var. Anal.* **22** (2014), 457–481.
335. M. Budzyńska, T. Kuczumow and S. Reich, Theorems of Denjoy-Wolff type for families of holomorphic retracts, *J. Nonlinear Convex Anal.* **15** (2014) 637–645.
336. E. Kopecká and S. Reich, Approximating fixed points in the Hilbert ball, *J. Nonlinear Convex Anal.* **15** (2014), 819–829.

337. S. Reich and A. J. Zaslavski, Inexact orbits of holomorphic mappings in complex Banach spaces, *Rend. Circ. Mat. Palermo* **63** (2014), 439–445.
  338. W. Boulos and S. Reich, Farthest points and porosity, *J. Nonlinear Convex Anal.* **15** (2014), 1319–1329.
  339. M. Bačák and S. Reich, The asymptotic behavior of a class of nonlinear semigroups in Hadamard spaces, *J. Fixed Point Theory Appl.* **16** (2014), 189–202.
  340. S. Reich and A. J. Zaslavski, Generic contractivity of nonexpansive mappings with unbounded domains, *J. Nonlinear Convex Anal.* **16** (2015), 1–7.
  341. M. Budzyńska and S. Reich, The Denjoy-Wolff iteration property in the Hilbert ball, *J. Nonlinear Convex Anal.* **16** (2015), 485–496.
  342. M. Budzyńska, T. Kuczumow and S. Reich, Limiting behavior of the Kobayashi distance, *Taiwanese J. Math.* **19** (2015), 535–552.
  343. L. Aguirre Salazar and S. Reich, A remark on weakly contractive mappings, *J. Nonlinear Convex Anal.* **16** (2015), 767–773.
  344. M. Budzyńska, T. Kuczumow and S. Reich, The common fixed point set of commuting holomorphic mappings in Cartesian products of Banach spaces, *Fixed Point Theory* **16** (2015), 49–66.
  345. S. Reich and A. J. Zaslavski, Contractivity and genericity results for a class of nonlinear mappings, *J. Nonlinear Convex Anal.* **16** (2015), 1113–1122.
  346. S. Reich and A. J. Zaslavski, Variants of Caristi’s fixed point theorem, *PanAmer. Math. J.* **25** (2015), 42–52.
  347. S. Bartz and S. Reich, Some aspects of the representation of  $c$ -monotone operators by  $C$ -convex functions, *J. Convex Anal.* **22** (2015), 687–710.
  348. S. Reich and A. J. Zaslavski, Approximate fixed points of nonexpansive set-valued mappings in unbounded sets, *J. Nonlinear Convex Anal.* **16** (2015), 1707–1716.
  349. S. Reich and A. J. Zaslavski, A stable convergence theorem for set-valued mappings, *JP J. Fixed Point Theory Appl.* **10** (2015), 33–44.
  350. S. Reich and A. J. Zaslavski, Genericity and porosity in fixed point theory: a survey of recent results, *Fixed Point Theory Appl.* **2015**, 2015:195, 1–21.
  351. W. Boulos and S. Reich, Porosity results for two-set nearest and farthest point theorems, *Rend. Circ. Mat. Palermo* **64** (2015), 493–507.
  352. A. Gibali, S. Reich and R. Zalas, Iterative methods for solving variational inequalities in Euclidean space, *J. Fixed Point Theory Appl.* **17** (2015), 775–811.
  353. S. Reich and Z. Salinas, Infinite products of discontinuous operators in Banach and metric spaces, *Linear and Nonlinear Analysis* **1** (2015), 169–200.
- S. Reich and A. J. Zaslavski, Invariant sets of nonexpansive mappings, *J. Anal.* **23** (2015), 131–140.



354. S. Reich and A. J. Zaslavski, Two porosity theorems for nonexpansive mappings in hyperbolic spaces, *J. Math. Anal. Appl.* **433** (2016), 1220–1229.
355. S. Reich and R. Zalas, A modular string averaging procedure for solving the common fixed point problem for quasi-nonexpansive mappings in Hilbert space, *Numerical Algorithms* **72** (2016), 297–323.
356. S. Reich and Z. Salinas, Weak convergence of infinite products of operators in Hadamard spaces, *Rend. Circ. Mat. Palermo* **65** (2016), 55–71.
357. J. Garcia Falset, O. Muñoz Pérez and S. Reich, Domains of accretive operators in Banach spaces, *Proc. Royal Soc. Edinburgh* **146A** (2016), 325–336.
358. S. Reich, and A. J. Zaslavski, Contractive set-valued mappings, *Nonlinear Anal. Forum* **21** (2016), 145–152.
359. S. Reich and A. J. Zaslavski, Asymptotic behavior of infinite products of nonexpansive mappings, *J. Nonlinear Convex Anal.* **17** (2016), 1967–1973.
360. M. Budzyńska, T. Kuczumow and S. Reich, The Wolff-Denjoy iteration property in complex Banach spaces, *J. Nonlinear Convex Anal.* **17** (2016), 1213–1221.
361. M. Budzyńska, W. Kaczor and S. Reich, Inexact orbits and boundedness of iterates of nonexpansive mappings, *J. Nonlinear Convex Anal.* **17** (2016), 1283–1290.
362. M. Budzyńska, T. Kuczumow and S. Reich, Convergence of iterates of fixed-point-free holomorphic mappings, *J. Nonlinear Convex Anal.* **17** (2016), 2343–2353.
363. F. Bracci, M. Levenshtein, S. Reich and D. Shoikhet, Growth estimates for the numerical range of holomorphic mappings and applications, *Comput. Methods Funct. Theory* **16** (2016), 457–487.
364. S. Reich and A. J. Zaslavski, Two results on approximate fixed points of nonexpansive mappings in metric spaces, *JP Journal of Fixed Point Theory and Applications* **11** (2016), 185–196.
365. V. I. Kolobov, S. Reich and R. Zalas, Weak, strong, and linear convergence of a double-layer fixed point algorithm, *SIAM J. Optim.* **27** (2017), 1431–1458.
366. S. Reich and A. J. Zaslavski, Asymptotic behavior of generic infinite products of nonexpansive mappings, *J. Nonlinear Convex Anal.* **18** (2017), 17–27.
367. S. Reich and Z. Salinas, Metric convergence of infinite products of operators in Hadamard spaces, *J. Nonlinear Convex Anal.* **18** (2017), 331–345.
368. M. Budzyńska, W. Kaczor, T. Kuczumow and S. Reich, Open problems connected with the metric theory of holomorphic mappings, *J. Nonlinear Convex Anal.* **18** (2017), 215–230.
369. S. Reich and A. J. Zaslavski, Convergence to approximate solutions and perturbation resilience of iterative algorithms, *Inverse Problems* **33** (2017), 044005, 17 pp.
370. A. Gibali, S. Reich and R. Zalas, Outer approximation methods for solving variational inequalities in Hilbert space, *Optimization* **66** (2017), 417–437.

371. S. Reich and R. Zalas, The optimal error bound for the method of simultaneous projections, *J. Approx. Theory* **223** (2017), 96–107.
372. C. Bargetz, M. Dymond and S. Reich, Porosity results for sets of strict contractions on geodesic metric spaces, *Topological Methods in Nonlinear Analysis* **50** (2017), 89–124.

### Papers in Books

1. S. Reich, Nonlinear evolution equations and nonlinear ergodic theorems (an announcement), in *“Nonlinear Systems and Applications”*, Academic Press, New York, 1977, 297–298.
2. S. Reich, Iterative methods for accretive sets, in *“Nonlinear Equations in Abstract Spaces”*, Academic Press, New York, 1978, 317–326.
3. S. Reich, Constructive techniques for accretive and monotone operators, in *“Applied Nonlinear Analysis”*, Academic Press, New York, 1979, 335–345.
4. S. Reich, Nonlinear semigroups, accretive operators, and applications, in *“Nonlinear Phenomena in Mathematical Sciences”*, Academic Press, New York, 1982, 831–838.
5. M. M. Israel, Jr. and S. Reich, A note on nonlinear semigroups with large sets of fixed points, in *“Global Analysis”*, Teubner Verlag, Leipzig, 1983, 154–157.
6. S. Reich, Convergence, resolvent consistency, and the fixed point property for nonexpansive mappings, *Contemporary Mathematics*, Vol. 18, Amer. Math. Soc., Providence, RI, 1983, 167–174.
7. S. Reich, Some problems and results in fixed point theory, *Contemporary Mathematics*, Vol. 21, Amer. Math. Soc., Providence, RI, 1983, 179–187.
8. D. S. Hulbert and S. Reich, Ergodic theorems for nonlinear Volterra integral equations, in *“Nonlinear Differential Equations”*, Marcel Dekker, New York, 1984, 255–262.
9. S. Reich, On the differentiability of nonlinear semigroups, in *“Infinite-Dimensional Systems”*, Lecture Notes in Mathematics, Vol. 1076, Springer, Berlin, 1984, 203–208.
10. E. I. Poffald and S. Reich, A quasi-autonomous second-order differential inclusion, in *“Nonlinear Analysis”*, North Holland, Amsterdam, 1985, 387–392.
11. S. Reich, Nonlinear semigroups, holomorphic mappings, and integral equations, in *“Proc. Symp. Pure Math.”*, Vol. 45, Part 2, Amer. Math. Soc., Providence, RI, 1986, 307–324.
12. E. I. Poffald and S. Reich, Asymptotic behavior of solutions to a class of second order differential inclusions, in *“Operator Equations and Fixed Point Theorems”*, MSRI-Korea, Seoul, 1986, 69–73.
13. S. Reich and I. Shafrir, On the method of successive approximations for nonexpansive mappings, in *“Nonlinear and Convex Analysis”*, Marcel Dekker, New York, 1987, 193–201.
14. S. Reich, Integral equations, hyperconvex spaces, and the Hilbert ball, in *“Nonlinear Analysis and Applications”*, Marcel Dekker, New York, 1987, 517–525.

15. S. Reich, Fixed point theory in the Hilbert ball, *Contemporary Math.* **72** (1988), 225-232.
16. E. I. Poffald and S. Reich, A difference inclusion, in *“Nonlinear Semigroups, Partial Differential Equations and Attractors”*, Lecture Notes in Mathematics, Vol. 1394, Springer, Berlin, 1989, 122-130.
17. H. T. Banks, C. K. Lo, S. Reich and I. G. Rosen, Numerical studies of identification in nonlinear distributed parameter systems, ICASE Report #89-3, *Proc. Fourth International Conference on Identification and Control of Distributed Parameter Systems, ISNM*, Vol. 91, Birkhauser, Basel, 1989, 1-20.
18. S. Reich, Fixed point theory in hyperbolic spaces, in *“Fixed Point Theory and Applications”*, Longman, Harlow, 1991, 351-358.
19. S. Reich, Nonlinear semigroups, integral equations and hyperbolic spaces, in *“Optimization and Nonlinear Analysis”*, Longman, Harlow, 1992, 227-239.
20. J. M. Dye and S. Reich, Random products of nonexpansive mappings, in *“Optimization and Nonlinear Analysis”*, Longman, Harlow, 1992, 106-118.
21. J. M. Dye, T. Kuczumow, P.-K. Lin and S. Reich, Random products of nonexpansive mappings in spaces with the Opial property, *Contemporary Math.* **144** (1993), 87-93.
22. M. A. Demetriou, S. Reich and I. G. Rosen, Model reference adaptive control of abstract nonlinear distributed parameter systems, *Proc. American Control Conference*, Baltimore, MD, 1994, 3400-3401.
23. V. Khatskevich, S. Reich and D. Shoikhet, Ergodic type theorems for nonlinear semigroups with holomorphic generators, Technion Preprint Series No. MT-999, 1994, in *“Recent Developments in Evolution Equations”*, Pitman Research Notes in Math., Vol. 324, Longman, Harlow, 1995, 191-200.
24. Y. S. Lee and S. Reich, Convergence and approximation of nonlinear algorithms, operators and semigroups, *Proc. 3rd IEEE Med. Symp.*, Vol. I, Limassol, 1995, 21-23.
25. J. M. Dye, T. Kuczumow and S. Reich, Random products of contractions, *Proceedings of the First World Congress of Nonlinear Analysts*, Vol. II, de Gruyter, Berlin, 1996, 1541-1548.
26. Y. S. Lee and S. Reich, Convergence of accretive operators, *Proceedings of the First World Congress of Nonlinear Analysts*, Vol. III, de Gruyter, Berlin, 1996, 2179-2185.
27. V. Khatskevich, S. Reich and D. Shoikhet, Fixed points of holomorphic mappings and semigroups in Banach spaces: regularity and uniqueness, in *“Interaction between Functional Analysis, Harmonic Analysis and Probability”*, Marcel Dekker, New York, 1996, 249-254.
28. S. Reich and D. Shoikhet, The existence of resolvents of holomorphic generators in Banach spaces, in *“Theory and Applications of Nonlinear Operators”*, Marcel Dekker, New York, 1996, 251-258.
29. S. Reich, A weak convergence theorem for the alternating method with Bregman distances, in *“Theory and Applications of Nonlinear Operators”*, Marcel Dekker, New York, 1996, 313-318.

30. J. M. Ko, Y. S. Lee and S. Reich, New results on the convergence and approximation of nonlinear operators and semigroups, *Proc. 4th IEEE Med. Symp.*, Chania, Crete, 1996, 605-606.
31. M. Böhm, M. A. Demetriou, S. Reich and I. G. Rosen, A model reference adaptive control scheme for nonlinear infinite dimensional systems, *Proc. 13th IFAC World Congress*, San Francisco, CA, 1996, 205-210.
32. V. Khatskevich, S. Reich and D. Shoikhet, Null points of holomorphic generators in the Hilbert ball, in *“Recent Advances in Metric Fixed Point Theory”*, University of Seville Press, 1996, 59-72.
33. T. Kuczumow, S. Reich and A. Stachura, Holomorphic retracts of the open unit ball in the  $\ell_\infty$ -product of Hilbert spaces, in *“Recent Advances in Metric Fixed Point Theory”*, University of Seville Press, 1996, 99-110.
34. V. Khatskevich, S. Reich and D. Shoikhet, Ergodic methods for the construction of holomorphic retractions, in *“New Results in Operator Theory and Its Applications”*, Operator Theory, Vol. 98, Birkhäuser, Basel, 1997, 145-152.
35. A. S. Ackleh and S. Reich, Inverse problems for nonautonomous nonlinear distributed parameter systems, *Proc. 5th IEEE Med. Conf. on Control and Systems*, Paphos, Cyprus, 1997.
36. A. S. Ackleh, R. R. Ferdinand, S. Aizicovici and S. Reich, Numerical studies of parameter estimation techniques for nonlinear Volterra equations, in *“Theory and Practice of Control and Systems”*, World Scientific, Singapore, 1998, 310-315.
37. M. A. Demetriou, A. S. Ackleh and S. Reich, Detection and accommodation of second order distributed parameter systems with abrupt changes in the input term: existence and approximation (an announcement), in *“Theory and Practice of Control and Systems”*, World Scientific, Singapore, 1998, 720-725.
38. S. Reich and A. J. Zaslavski, On the minimization of convex functionals, in *“Calculus of Variations and Differential Equations”*, CRC Press, Boca Raton, FL, 1999, 200-209.
39. M. Elin, S. Reich and D. Shoikhet, Asymptotic behavior of semigroups of holomorphic mappings, in *“Semigroups of Operators: Theory and Applications”*, Birkhäuser, Basel. 2000, 249-258.
40. M. Gabour, S. Reich and A. J. Zaslavski, A class of dynamical systems with a convex Lyapunov function, in *“Constructive, Experimental, and Nonlinear Analysis”*, Canadian Mathematical Society Conference Proceedings, Vol. 27, 2000, 83-91.
41. A. S. Ackleh, S. Aizicovici, R. R. Ferdinand and S. Reich, Parameter identification in a nonautonomous nonlinear Volterra integral equation, *Proc. 7th Mediterranean Conference on Control and Automation*, Haifa, Israel, 1999, 2200-2206.
42. S. Reich and A. J. Zaslavski, Asymptotic behavior of infinite products of order-preserving mappings in Banach space, *Proc. 7th Mediterranean Conference on Control and Automation*, Haifa, Israel, 1999.

43. S. Reich and A. J. Zaslavski, Generic convergence of infinite products of nonexpansive mappings in Banach and hyperbolic spaces, in *“Optimization and Related Topics”*, Kluwer, Dordrecht, 2001, 371-402.
44. M. Gabour, S. Reich and A. J. Zaslavski, Generic convergence of algorithms for solving stochastic feasibility problems, in *“Inherently Parallel Algorithms in Feasibility and Optimization and their Applications”*, Elsevier, Amsterdam, 2001, 279-295.
45. D. Butnariu, S. Reich and A. J. Zaslavski, Asymptotic behavior of quasi-nonexpansive mappings, in *“Inherently Parallel Algorithms in Feasibility and Optimization and their Applications”*, Elsevier, Amsterdam, 2001, 49-68.
46. S. Reich and A. J. Zaslavski, Generic convergence of minimization methods for convex functions, *Proc. 6th International Conference on Nonlinear Functional Analysis and Applications*, Nova Science Publishers, New York, Vol. 2, 2001, 73-88.
47. T. Kuczumow, S. Reich and D. Shoikhet, Fixed points of holomorphic mappings: a metric approach, *Handbook of Metric Fixed Point Theory*, Kluwer, Dordrecht, 2001, 437-515.
48. S. Reich and A. J. Zaslavski, Generic aspects of metric fixed point theory, *Handbook of Metric Fixed Point Theory*, Kluwer, Dordrecht, 2001, 557-575.
49. V. Khatskevich, S. Reich and D. Shoikhet, One-parameter semigroups of fractional-linear transformations, in *Operator Theory*, Vol. 123, Birkhäuser Verlag, Basel, 2001, 401-411.
50. A. S. Ackleh, S. Aizicovici, M. Demetriou and S. Reich, Existence and uniqueness of solutions to a second order nonlinear nonlocal hyperbolic equation, *Differential Equations and Control Theory*, Marcel Dekker, New York and Basel, 2001, 1-17.
51. S. Reich and A. J. Zaslavski, Porosity in nonlinear analysis and optimization, *Proceedings of the Second International Conference on Nonlinear Analysis and Convex Analysis*, Yokohama Publishers, Yokohama, 2002, 415-431.
52. S. Reich and A. J. Zaslavski, Convergence results for discrete and continuous descent methods, *Proceedings of the 10th Mediterranean Conference on Control and Automation*, Lisboa, Portugal, 2002.
53. S. Reich and A. J. Zaslavski, The set of divergent infinite products in a Banach space is sigma-porous, *Proceedings of the 10th Mediterranean Conference on Control and Automation*, Lisboa, Portugal, 2002.
54. S. Reich and A. J. Zaslavski, Convergence of iterates of nonexpansive set-valued mappings, *Set-Valued Mappings with Applications in Nonlinear Analysis*, Taylor & Francis, London, 2002, 411-420.
55. D. Butnariu, S. Reich and A. J. Zaslavski, Generic power convergence of nonlinear operators in Banach spaces, *Fixed Point Theory and Applications*, Nova Sci. Publ., Hauppauge, NY, 2003, 35-49.
56. S. Reich and A. J. Zaslavski, Many nonexpansive mappings are strict contractions, *Abstract and Applied Analysis*, World Sci. Publishing, River Edge, NJ, 2004, 305-311.

57. M. Elin, A. Goldvard, S. Reich and D. Shoikhet, Dynamics of spirallike functions, *Proceedings of the International Conference on Complex Analysis and Dynamical Systems*, Contemporary Math. **364**, 2004, 41–57.
58. S. Reich and A. J. Zaslavski, A porosity result for attracting mappings in hyperbolic spaces, *Proceedings of the International Conference on Complex Analysis and Dynamical Systems*, Contemporary Math. **364**, 2004, 237–242.
59. S. Reich and A. Zaslavski, Generic existence of small invariant sets, *International Conference on Fixed Point Theory and Applications*, Yokohama Publishers, Yokohama, 2004, 261–274.
60. E. Matoušková, S. Reich and A. Zaslavski, Genericity in nonexpansive mapping theory, *Advanced Courses of Mathematical Analysis I*, World Sci. Publ., 2004, 81–98.
61. S. Reich and A. Zaslavski, Generic convergence of iterates for a class of nonlinear mappings in hyperbolic spaces, *Complex Analysis and Dynamical systems II*, Contemp. Math. **382**, 2005, 349–355.
62. S. Reich, Genericity and porosity in nonlinear analysis and optimization, ESI Preprint 1756, 2005, *Proceedings of CMS'05* (Computer Methods and Systems), Cracow, 2005, 9–15.
63. D. Butnariu, S. Reich and A. J. Zaslavski, Convergence to fixed points of inexact orbits of Bregman-monotone and of nonexpansive operators in Banach spaces, *Fixed Point Theory and its Applications*, Yokohama Publishers, Yokohama, 2006, 11–32.
64. E. Kopecká and S. Reich, Nonexpansive retracts in Banach spaces, *Banach Center Publications* **77**, 2007, 161–174.
65. S. Reich and A. Zaslavski, Two generic results in fixed point theory, *Banach Center Publications* **77**, 2007, 215–225.
66. S. Aizicovici, S. Reich and A. J. Zaslavski, Dynamics of approximate solutions to a class of evolution equations in Banach spaces, *Complex Analysis and Dynamical Systems III*, Contemporary Math. **455**, 2008, 23–33.
67. M. Elin, S. Reich, D. Shoikhet and F. Yacobzon, Rates of convergence of one-parameter semigroups with boundary Denjoy-Wolff fixed points, *Fixed Point Theory and its Applications*, Yokohama Publishers, Yokohama, 2008, 43–58.
68. S. Reich and A. J. Zaslavski, Generic aspects of fixed point theory for set-valued mappings, *Advances in Nonlinear Analysis: Theory, Methods and Applications*, Cambridge Scientific Publishers, Cambridge, 2009, 23–35.
69. S. Reich and A. J. Zaslavski, Iterative schemes for set-valued mappings, *Nonlinear Analysis and Convex Analysis*, Yokohama Publishers, Yokohama, 2010, 299–310.
70. S. Reich and A. J. Zaslavski, Convergence of inexact orbits of continuous mappings in complete metric spaces, *Complex Analysis and Dynamical Systems IV*, Contemporary Math. **553**, 2011, 259–265.

71. S. Reich and S. Sabach, Existence and approximation of fixed points of Bregman firmly nonexpansive in reflexive Banach spaces, *Fixed-point Algorithms for Inverse Problems in Science and Engineering*, Springer, New York, 2011, 301–316.
72. M. Gabour and S. Reich, The expected retraction method in Banach spaces, *Optimization Theory and Related Topics*, Contemporary Math. **568**, 2012, 69–75.
73. S. Reich and S. Sabach, Three strong convergence theorems regarding iterative methods for solving equilibrium problems in reflexive Banach spaces, *Optimization Theory and Related Topics*, Contemporary Math. **568**, 2012, 225–240.
74. S. Reich and A. J. Zaslavski, A fixed point theorem for contractive non-self mappings, *Complex Analysis and Dynamical Systems V*, Contemporary Math. **591**, 2013, 205–209.
75. V. Martín-Márquez, S. Reich and S. Sabach, Existence and approximation of fixed points of right Bregman nonexpansive operators, *Computational and Analytical Mathematics*, Springer, New York, 2013, 501–520.
76. E. Pustyl'nik and S. Reich, Infinite products of discontinuous operators, *Infinite Products of Operators and Their Applications*, Contemporary Math. **636**, 2015, 199–202.
77. S. Reich and A. J. Zaslavski, Contractivity, porosity and infinite products, *Infinite Products of Operators and Their Applications*, Contemporary Math. **636**, 2015, 203–209.
78. S. Reich and X. Wang, A convex analytic inequality revisited, Contemporary Math. **659**, 2016, 263–272.
79. S. Reich and A. J. Zaslavski, Asymptotic centers, inexact orbits, and fixed points, Contemporary Math. **659**, 2016, 273–281.
80. S. Reich and A. J. Zaslavski, A weak ergodic theorem for infinite products of holomorphic mappings, *Complex Analysis and Dynamical Systems VI*, Part 2, Contemp. Math. **667**, 2016, 239–246.

## Books

1. K. Goebel and S. Reich, *Uniform Convexity, Hyperbolic Geometry, and Nonexpansive Mappings*, Marcel Dekker, New York and Basel, 1984.
2. A. Ioffe, M. Marcus and S. Reich (Editors), *Optimization and Nonlinear Analysis*, Pitman Research Notes in Mathematics, vol. 244, Longman, Harlow, 1992.
3. Y. Censor and S. Reich (Editors), *Recent Developments in Optimization Theory and Nonlinear Analysis*, Contemporary Math., vol. 204, AMS, Providence, RI, 1997.
4. A. Ioffe, S. Reich and I. Shafrir (Editors), *Calculus of Variations and Differential Equations*, CRC Press, Boca Raton, FL, 1999.
5. A. Ioffe, S. Reich and I. Shafrir (Editors), *Calculus of Variations and Optimal Control*, CRC Press, Boca Raton, FL, 1999.
6. D. Butnariu, Y. Censor and S. Reich (Editors), *Inherently Parallel Algorithms in Feasibility and Optimization and their Applications*, Elsevier, Amsterdam, 2001.

7. S. Reich (Editor), *Proceedings of the International Conference on Fixed-Point Theory and its Applications*, Hindawi Publishing Corporation, Cairo, 2003.
8. S. Reich and D. Shoikhet, *Nonlinear Semigroups, Fixed Points, and Geometry of Domains in Banach Spaces*, Imperial College Press, London, 2005.
9. E. Matoušková, S. Reich and A. Zaslavski (Editors), *Proceeding of the International Workshop on Small Sets in Analysis*, Hindawi Publishing Corporation, New York, 2005.
10. J. Jachymski and S. Reich (Editors), *Fixed Point Theory and its Applications*, Banach Center Publications, vol. 77, Polish Academy of Sciences, Warsaw, 2007.
11. M. Agranovsky, D. Bshouty, L. Karp, S. Reich, D. Shoikhet and L. Zalcman (Editors), *Complex Analysis and Dynamical Systems III*, Contemporary Mathematics, vol. 455, Amer. Math. Soc., Providence, RI, 2008.
12. C. C. Cotta, S. Reich, R. Schaefer and A. Ligeza (Editors), *Knowledge-Driven Computing. Knowledge Engineering and Intelligent Computations*, Studies in Computational Intelligence, vol. 102, Springer, Berlin, 2008.
13. M. Agranovsky, M. Ben-Artzi, G. Galloway, L. Karp, S. Reich, D. Shoikhet, G. Weinstein and L. Zalcman (Editors), *Complex Analysis and Dynamical Systems IV*, Part 1, Function Theory and Optimization, Contemporary Mathematics, vol. 553, Amer. Math. Soc., Providence, RI, 2011,
14. M. Agranovsky, M. Ben-Artzi, G. Galloway, L. Karp, S. Reich, D. Shoikhet, G. Weinstein and L. Zalcman (Editors), *Complex Analysis and Dynamical Systems IV*, Part 2, General Relativity, Geometry, and PDE, Contemporary Mathematics, vol. 554, Amer. Math. Soc., Providence, RI, 2011.
15. S. Reich and A. J. Zaslavski (Editors), *Optimization Theory and Related Topics*, Contemporary Mathematics, vol. 568, Amer. Math. Soc., Providence, RI, 2012.
16. M. Agranovsky, M. Ben-Artzi, G. Galloway, L. Karp, V. Maz'ya, S. Reich, D. Shoikhet, G. Weinstein and L. Zalcman (Editors), *Complex Analysis and Dynamical Systems V*, Contemporary Mathematics, vol. 591, Amer. Math. Soc., Providence, RI, 2013.
17. S. Reich and A. J. Zaslavski, *Genericity in Nonlinear Analysis*, Springer, New York, 2014.
18. S. Reich and A. J. Zaslavski (Editors), *Infinite Products of Operators and Their Applications*, Contemporary Mathematics, vol. 636, Amer. Math. Soc., Providence, RI, 2015.
19. M. Agranovsky, M. Ben-Artzi, G. Galloway, L. Karp, D. Khavinson, S. Reich, G. Weinstein and L. Zalcman (Editors), *Complex Analysis and Dynamical Systems VI*, Part 1, Contemporary Mathematics, vol. 653, Amer. Math. Soc., Providence, RI, 2016.
20. B. S. Mordukhovich, S. Reich and A. J. Zaslavski (Editors), *Nonlinear Analysis and Optimization*, Contemporary Mathematics, vol. 659, Amer. Math. Soc., Providence, RI, 2016.

## Book Review



1. S. Reich, Geometry of Banach spaces, duality mappings and nonlinear problems, *Bull. Amer. Math. Soc.* **26** (1992), 367-370.

### Research Reports

1. S. Reich, Some problems in nonlinear functional analysis, The Altgeld book 1975/76, University of Illinois Functional Analysis Seminar, pp. xii.1-xii.18.
2. S. Reich, On the equivalence between resolvent consistency and convergence for nonlinear quasi-contractive algorithms, Argonne National Laboratory Report #79-53, 1979.
3. S. Reich, Nonlinear ergodic theory in Banach spaces, Argonne National Laboratory Report #79-69, 1979.
4. S. Reich and Y. Sternfeld, Some non-compact fixed point spaces, Longhorn Notes, Texas Functional Analysis Seminar, 1983-84, pp. 151-159.
5. J. M. Dye, T. Kuczumow and S. Reich, The random product of two nonexpansive mappings in spaces with the Opial property, Technion Preprint Series, No. MT-982, 1993.

**Invited Talks at Conferences**

1. International Conference on Nonlinear Systems and Applications, July 1976.
2. Conference on Nonlinear Equations in Abstract Spaces, June 1977.
3. AMS Special Session on Nonlinear Analysis (San Francisco, CA), April 1978.
4. Conference on Applied Nonlinear Analysis (Arlington, Texas), April 1978.
5. NSF Conference on Nonlinear Analysis (Fort Collins, CO), August 1978.
6. AMS Special Session on Differential Equations (Claremont, CA), October 1978.
7. Conference Commemorating Einar Hille's 85th Birthday, January 1980.
8. International Conference on Nonlinear Phenomena in Mathematical Sciences, June 1980.
9. AMS Special Session on Current Trends in Nonlinear Analysis (Ann Arbor, MI), August 1980.
10. AMS Special Session on Convexity in Functional Analysis (Santa Barbara), November 1981.
11. AMS Special Session on Nonexpansive Mappings (Cincinnati, Ohio), January 1982.
12. Conference on Nonlinear Differential Equations (Arlington, Texas), June 1982.
13. AMS Special Session on Fixed Point Theory (Toronto, Ontario, Canada), August 1982.
14. AMS Special Session on Monotonicity Methods in Differential Equations (Denver, CO), January 1983.
15. AMS Special Session on Nonlinear Functional Analysis (Norman, OK), March 1983.
16. AMS Special Session on Nonlinear Functional Analysis, July 1983.
17. AMS Special Session on Volterra Integral and Integro-Differential Equations (Evanston, Illinois), November 1983.
18. International Conference on Nonlinear Analysis and Applications, July 1986.
19. Seminar on Fixed Point Theory and its Applications (ICM, Berkeley), August 1986.
20. Symposium on Nonlinear Semigroups (Washington, DC), August 1987.
21. AMS Special Session on Geometric Inequalities (Orono, Maine), August 1991.
22. Workshop on Set-Valued Analysis (University of California, Davis), May 1992.
23. Third IEEE Mediterranean Symposium (Limassol, Cyprus), July 1995.
24. Workshop on Fixed Point Theory (Seville, Spain), September 1995.
25. Fourth IEEE Mediterranean Symposium (Chania, Crete), June 1996.
26. Second World Congress of Nonlinear Analysts (Athens, Greece), August 1996.

27. Workshop on Fixed Point Theory (Kazimierz Dolny, Poland), June 1997.
28. Fifth IEEE Mediterranean Symposium (Paphos, Cyprus), July 1997.
29. Workshop on the Calculus of Variations and Optimal Control (Oberwolfach, Germany), November 1997.
30. Sixth IEEE Mediterranean Symposium (Alghero, Sardinia), June 1998.
31. International Conference on Operator Semigroups and Applications (Newport Beach, CA), December 1998.
32. Seventh Mediterranean Conference on Control and Automation (Haifa, Israel), June 1999.
33. Second Symposium on Nonlinear Analysis (Toruń, Poland), September 1999.
34. Third World Congress of Nonlinear Analysts (Catania, Sicily), July 2000.
35. International Conference on Mathematics and Mathematics Education (Bethlehem), August 2000.
36. International Conference on Nonlinear Analysis and Convex Analysis (Hirosaki, Japan), August 2001.
37. Tenth IEEE Mediterranean Conference on Control and Automation (Lisboa, Portugal), July 2002.
38. Geometric Methods in Analysis and Probability, Erwin Schrödinger Institute (Vienna, Austria), May 2005.
39. International Conference on Fixed Point Theory and its Applications (Będlewo, Poland), August 2005.
40. Mini-Workshop on Open Problems in Geometric Function Theory (Karmiel, Israel), August 2005.
41. Computer Methods and Systems (Cracow, Poland), November 2005.
42. Analysis Seminar (Salzburg, Austria), May 2006.
43. International Conference on Topological Methods, Differential Equations and Dynamical Systems (Firenze, Italy), June 2007.
44. International Conference on Nonlinear Operators, Differential Equations and Applications (Cluj-Napoca, Romania), July 2007.
45. Conference on Functional Analysis and Optimization (Będlewo, Poland), September 2007.
46. Workshop on Holomorphic Iteration, Semigroups, and Loewner Chains (Rome, Italy), September 2008.
47. International Conference on Nonlinear Analysis and Convex Analysis (Tokyo, Japan), March 2009.
48. A Day of Operator Theory (Beer-Sheva, Israel), January 2010.

49. Recent Advances in Nonlinear Evolutionary Equations and Analysis of Multi-Scale Phenomena (Rehovot, Israel), July 2010.
50. Joint Meeting of the Polish Mathematical Society and the Israel Mathematical Union (Łódź, Poland), September 2011.
51. Fixed Point Theory Workshop (Los Gallos, Spain), January 2012.
52. Topology, Fixed Points and Differential Inclusions (Rome, Italy), October 2012.
53. Workshop on Projection Methods in Feasibility, Superiorization and Optimization (University of Haifa, Israel), December 2013.
54. Operator Theory (Karmiel, Israel), February 2014.
55. Joint IMU-AMS Meeting (Tel Aviv, Israel), June 2014.
56. Continuous Optimization: Challenges and Applications (Haifa, Israel), September 2016.

### **Other Invited Lectures**

1. The Hebrew University of Jerusalem, December 1974.
2. University of Cincinnati, January 1976.
3. University of Iowa, March 1976.
4. Rutgers University, March 1976
5. Northern Illinois University, April 1976.
6. University of Illinois at Urbana-Champaign, April 1976.
7. University of Delaware, December 1976.
8. University of Kentucky, February 1977.
9. North Carolina State University, February 1977.
10. Vanderbilt University, February 1977.
11. College of William and Mary, October 1977.
12. University of Wisconsin-Madison, April 1978.
13. University of Chicago, April 1978.
14. Claremont Graduate School, May 1978.
15. Argonne National Laboratory, July 1978.
16. California Institute of Technology, November 1978.
17. University of California, San Diego, January 1979.
18. University of California, Santa Barbara, April 1979.

19. Southern California Functional Analysis Seminar, January 1980.
20. University of California, Los Angeles, February 1980.
21. Claremont Applied Mathematics Seminar, April 1980.
22. University of California, Riverside, May 1980.
23. Argonne National Laboratory, August 1980.
24. Lefschetz Center of Dynamical Systems (Brown University), October 1980.
25. University of California, Berkeley (Functional Analysis Colloquium), April 1981.
26. University of California, Berkeley (Partial Differential Equations Seminar), April 1981.
27. Stanford University, May 1981.
28. University of California, Davis, June 1981.
29. University of Chicago, November 1983.
30. French-Israeli Mathematical Symposium, March 1985.
31. University of California, Los Angeles (Colloquium), December 1986.
32. University of California, Los Angeles (Seminar), February 1987.
33. University of Haifa (Colloquium), August 1987.
34. Ben-Gurion of the Negev (Colloquium), December 1988.
35. U.S. – Israel Binational Workshop on Optimization and Nonlinear Analysis, March 1990.
36. Rutgers University (New Brunswick, NJ), May 1991.
37. Ohio University (Athens, OH), May 1991.
38. Ben-Gurion University of the Negev (EE Department), December 1992.
39. Rutgers University (New Brunswick, NJ), September 1997.
40. Ohio University (Athens, OH), October 1997.
41. University of Florence (Florence, Italy), October 1998.
42. University of Udine (Udine, Italy), October 1998.
43. University of California, Irvine, December 1998.
44. University of Malta (Msida, Malta), July 2000.
45. University of Seville (Seville, Spain), February 2001.
46. Tokyo Institute of Technology (Tokyo, Japan), July 2001.
47. Kyoto University (Kyoto, Japan), August 2001.

48. SISSA (Trieste, Italy), October 2001.
49. University of Valencia (Valencia, Spain), July 2002.
50. Weizmann Institute of Science (Rehovot, Israel), April 2003.
51. Czech Academy of Sciences (Prague, Czech Republic), April 2003.
52. Rutgers University (New Brunswick, NJ), November 2003.
53. UCLA (Los Angeles, CA), March 2004.
54. Yokohama National University (Yokohama, Japan), August 2004.
55. Chuo University (Tokyo, Japan), August 2004.
56. Johannes Kepler University (Linz, Austria), April 2005.
57. UCLA (Los Angeles, CA), April 2008.
58. University of Southern California (Los Angeles, CA), May 2008.
59. University of Haifa (Colloquium), June 2008.
60. Technical University of Łódź (Łódź, Poland), October 2008.
61. University of Valencia (Valencia, Spain), February 2009.
62. Stanford University, March 2010.
63. UMCS (Lublin, Poland), May 2010.
64. Naval Postgraduate School (Monterey, CA), April 2012.
65. Stanford University, April 2012.
66. Naval Postgraduate School (Monterey, CA), February 2013.
67. Stanford University, March 2013
68. Yale University, September 2014

### **Co-Organizer of Conferences**

- US–Israel Binational Science Foundation Workshop on Optimization and Nonlinear Analysis, Haifa, March 1990.
- Special Session on Optimization Theory and Nonlinear Analysis, Joint AMS–IMU Meeting, Jerusalem, May 1995.
- International Conference on the Calculus of Variations, Haifa, March 1998.
- Israel Science Foundation Research Workshop on Inherently Parallel Algorithms in Feasibility and Optimization and their Applications, Haifa, March 2000.
- Fixed Point Theory and its Applications, Haifa, June 2001.

- Small Sets in Analysis, Haifa, June 2003.
- Optimization Theory and Related Topics, Haifa, January 2010.
- ISF Research Workshop on Infinite Products of Operators and Their Applications, Haifa, 2012.
- Workshop on Nonlinear Analysis and Optimization, Haifa, 2014.
- German-Israeli Research Workshop on Optimization, Haifa, 2017.

### Special Professional Activities

*Referee for the Following Professional Journals and Foundations:*

American Mathematical Monthly, Canadian Mathematical Bulletin, Delta, Mathematical Theory, Israel Journal of Mathematics, Journal of Differential Equations, Proc. Amer. Math. Soc., Nonlinear Analysis, J. Australian Math. Soc., L'Enseignement Mathematique, Canadian Journal of Mathematics, National Science Foundation (Modern Analysis, Classical Analysis, Applied Mathematics and International Programs), J. Math. Anal. Appl., Questiones Math., Glasnik Mat., U.S. Dept. of Energy, Numerical Functional Analysis and Optimization, Mathematical Chronicle, Pacific J. Math., Lecture Notes in Math. (Springer), Prentice-Hall, U.S. Army Research Office, Trans. Amer. Math. Soc., J. Functional Analysis, J. Approximation Theory, Arch. Math., Houston J. Math., SIAM J. Math. Anal., J. Math. Soc. Japan, U.S. – Israel Binational Science Foundation, NSERC of Canada, Rocky Mountain J. Math., Contemporary Math., Israel Science Foundation, J. Amer. Math. Soc., International Journal of Mathematics and Mathematical Sciences, Marcel Dekker, Indian J. of Pure and Applied Mathematics, Mathematische Annalen, Linear and Multilinear Algebra, Proceedings of the Edinburgh Mathematical Society, Journal of Optimization Theory and Applications, Dynamic Systems and Applications, Studia Mathematica, Journal of the European Mathematical Society, Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales, Algorithms, J. Anal. Math., Bulletin of the Korean Mathematical Society, Communications of the Korean Mathematical Society, C. R. Acad. Sci. Paris.

*Reviewer for the Following Professional Journals:*

Mathematical Reviews, Zentralblatt für Mathematik.