

CURRICULUM VITAE

Name: Chong Li

Academic Degree: Ph.D. (1995)

Academic Rank: Professor (1995), Qualified Supervisor of Ph.D students (2000)

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Present Position

- Professor and Qualified Supervisor of Ph.D students, Department of Mathematics, Zhejiang University.

Ph D students supervised

- Xianfa Luo: September 2002-July 2005, graduated;
- Jinhua Wang: March 2004-February 2007, graduated;
- Lihui Peng: September 2004-July 2007, graduated;
- Weiping Shen: March 2006-July 2009, graduated;
- Wenling Gao: March 2005-February 2008;
- Nuchun Hu: September 2005-July 2008;
- Lei Lin: September 2005-July 2010, graduated;
- Donghui Fang: September 2007-July 2010, graduated;
- Jifeng Bao: September 2008-July 2011;
- Mohammed Harunor Rashid: September 2009-July 2012, graduated;
- Li Meng: September 2010-July 2013;
- Jiang Zhang: September 2010-July 2013;
- Xiangmei Wang: September 2011-July 2014;
- Xiaopeng Zhao: September 2011-July 2014.

Previous Positions

- August 1985 – October 1991: Lecturer, Department of Mathematics, Hangzhou Institute of Commerce
- November 1991 – December 1995: Associate Professor, Department of Mathematics, Hangzhou Institute of Commerce
- January 1996 – February 1998: Professor, Department of Applied Mathematics, Zhejiang University
- March 1996 – September 2002: Professor, Department of Applied Mathematics, Southeast University
- October 2002– Present: Professor, Department of Mathematics, Zhejiang University.

Education

- September 1978 - July 1982: B.Sc., Department of Mathematics, Nanjing Normal University, Nanjing, China
- September 1982 - August 1985: M.Sc., Department of Mathematics, Zhejiang Normal University, Jinhua, China
- September 1992 - July 1995: Ph.D., Department of Mathematics, Hangzhou University, Hangzhou, China

Research Interests

- Numerical functional analysis
- Nonsmooth analysis and nonlinear optimization
- Nonlinear approximations
- Numerical analysis

Visiting Positions

- Institute of Mathematics, Chinese Academy of Sciences, China: March 1989 - August 1989; July 1993 - September 1993; July 1999 - September 1999;
- University of Durban-Westwill, South Africa: March 2001-December 2001;
- The Chinese University of Hong Kong: January 200-February 2002, July 2002-August 2002, January 2003-February 2003, July 2003-August 2003, January 2004-February 2004, July 2004-August 2004, January 2005, July 2005-August 2005, January 2006, July 2006-August 2006, January 2007, July-August 2007, November 2007, November 2008-December 2008, June 2009-July 2009;

- University of Sevilla, Spain: June 2003, June 2004; March 2005; March 2007; January 2008- October 2008;
- University of L'quila, Italy: February 2005;
- University of Paul Sabatier: February 2007;
- National Sun Yat-Sen University: June 2007, January 2009, August 2009, November 2009.

Research Projects

- Unconstrained Reformulation for Approximation and Optimization Problems with Subsmooth Constraints, supported by the National Natural Science Foundation of China, 2012-2015 (Grant No: 11171300).
- Infinite Inequality System and DC Optimization with Constraints, supported by the Zhejiang Provincial Natural Science Foundation, 2011-2012 (Grant No: Y6110006).
- Nonexpansive, Monotone Accretive and Cyclic Operators: Applications, supported by DGPE of Spain, 2009-2012. (Grant No: MTM2009-10696-C02-01)
- Study on Problems of Numerical Linear and Nonlinear Algebra in Scientific Computing, supported by the National Natural Science Foundation of China, 2008-2011. (Grant No: 10731060)
- Strong CHIP and Best Approximation in Banach Spaces, supported by the National Natural Science Foundation of China, 2007-2009. (Grant No: 10671175)
- Approximation and Computation for Some Nonlinear Problems in Banach Spaces and Banach Manifolds, supported by Program for New Century Excellent Talents in University, 2005-2007. (Grant No: NCET-04-0532)
- Nonlinearly Constrained Approximation and Optimization Problems, supported by the National Natural Science Foundation of China, 2003-2005. (Grant No: 10271025)
- Nonlinear Analysis and Approximation, supported by NRF Research Fellowship of South Africa, 2001-2001.
- Well Posedness Of Nonlinear Approximation and Optimizations, supported by the National Natural Science Foundation of China, 2000-2002. (Grant No: 19971013)
- Nonlinear Approximation and Optimizations, supported by the Jiangsu Provincial Natural Science Foundation, 1999-2001. (Grant No: BK99001)
- Well Posedness Of Approximation and Optimization Problems, supported by the Zhejiang Provincial Natural Science Foundation, 1997-1999. (Grant No: 196010)
- On Problems of Nonlinear Approximation, supported by the National Postdoctoral Science Foundation of China, 1996-1997.

- Nonlinear Approximation in Banach Spaces, supported by the National Natural Science Foundation of China, 1995-1997. (Grant No: 19471021)
- Nonlinear Approximation Theory, supported by the National Natural Science Foundation of China, 1991-1993. (Grant No: 19001014)

Activities

- Member of editorial board of Taiwanese Journal Mathematics (SCI);
- Member of editorial board of Numerical Mathematics, JCU.

List of Publications

I. Book

- Nonlinear Approximation Theory in Banach Spaces, Science Press, Chinese Academy of Sciences, Beijing, 1997; Second edition, 1998. (with S. Y. Xu and W. S. Yang).

II. Papers to appear (accepted papers)

1. Porosity and Fixed Points of Nonexpansive Set-Valued Maps, **Set-Valued and Variat. Anal.** (with L. H Peng).
2. Fechet and proximal Regularities of perturbed distance functions at points in the target set in Banach spaces, **J. Nonlinear Convex Anal.** (with Bounkhel Messaoud).
3. On nonlinear simultaneous approximation problems, **Applicable Analysis**, 2013. (with M. Alyazidi-Asiry).
4. Iterative algorithms for equilibrium problems based on proximal-like methods, **J. Nonlinear Convex Anal.** (with J. F. BAO and D. H. FANG).

III. Papers published

1. Quasi-slater and Farkas-Minkowski qualifications for semi-infinite programming with applications, **SIAM J. Optim.**, 23 (2013), 2208-2230. (with Y. H. Hu and X. P. Zhao).
2. Extended Farkas's lemmas and strong Lagrange dualities for DC infinite programming, **J. Nonlinear Convex Anal.** 14 (2013), 747-767. (with D. H. Fang, G. Lee and J. C. Yao).
3. Approximate solutions for abstract inequality systems, **SIAM J. Optim.**, 23, 2013, 1237-1256. (with K. F. Ng).
4. Convergence Analysis of Gauss-type Proximal Point Method for Metrically Regular Mappings, **J. Nonlinear Convex Anal.**, 14, 2013, 627-635. (with M. H. Rashid and J. H. Wang).
5. Convergence Analysis of the Gauss-Newton-type Method for Lipschitz-like Mappings, **J. Optim. Theory Appl.**, 158, 2013, 216-233. (with M. H. Rashid, S. H. Yu and S.Y. Wu).
6. Convergence analysis of a method for variational inclusions, **Appl. Anal.**, 91, 2012, 1943-1956. (with M. H. Rashid and J. H. Wang).
7. Limiting subdifferentials of perturbed distance functions in Banach spaces, **Nonlinear Anal.**, 75, 2012, 1483-1495. (with L. Meng, and J.C. Yao).
8. Gauss-Newton method for convex composite optimizations on Riemannian manifolds, **J Global Optim.**, 53, 2012, 5-28. (with J.H. Wang and J.C. Yao).

9. Convergence analysis of the Gauss-Newton method for convex inclusion and convex composite optimization problems, **J. Math. Appl. Anal.**, 389, 2012, 469-485. (with K. F. Ng).
10. Manns algorithm for nonexpansive mappings in $CAT(\kappa)$ spaces, **Nonlinear Anal.**, 75, 2012, 445-452. (with J. S. He, D. H. Fang and G. Lopez).
11. Asymptotic closure condition and Fenchel duality for DC optimization problems in locally convex spaces, **Nonlinear Anal.**, 75, 2012, 3672-3681 (with D. H. Fang and X.Q. Yang)
12. Variational inequalities for set-valued vector fields on Riemannian manifolds: convexity of the solution set and the proximal point algorithm, **SIAM J. Control Optim.**, 50(4), 2012, 2486-2514. (with J.C. Yao).
13. Anisotropic best τ_c -approximation in normed spaces, **Optim.**, 60(6), 2012, 725-738. (with X. F. Luo and J. C. Yao)
14. Weak sharp minima on Riemannian manifolds, **SIAM J. Optim.**, 21(4), 2011, 1523-1560. (with B.S.Mordukhovich, J. H. Wang and J.C.Yao)
15. Subdifferential calculus rules for supremum functions in convex analysis, **SIAM J. Optim.**, 21(3), 2011, 782-797. (with K. F. Ng).
16. Stable and total Fenchel duality for DC optimization problems in locally convex spaces, **SIAM J. Optim.**, 21(3), 2011, 730-760. (with D. H. Fang and X.Q. Yang).
17. Resolvents of set-valued monotone vector fields in hadamard manifolds, **Set-valued and Variational Anal.**, 19, 2011, 361-383. (with G. Lopez, V. Martin-Mrquez and J. H. Wang)
18. Existence of best simultaneous approximations in $L_p(S; \Sigma; X)$, **J. Approx. Theory**, 163, 2011, 1300-1316. (with X. F. Luo, H. K. Xu and J. C. Yao).
19. Kantorovich's theorems of Newton's method for mappings and optimization problems on Lie groups, **IMA Numer. Anal.**, 31, 2011, 322-347. (with J. H. Wang).
20. A Ulm-like method for inverse eigenvalue problems, **Applied Numer. Math.**, 61, 2011, 356-367. (with W.P. Shen and X.Q. Jin).
21. Generic well-posedness for perturbed optimization problems in banach spaces, **Taiwanese J. Math.** 14, 2010, pp. 1351-1369. (with L. H. Peng and J. C. Yao)
22. Monotone and accretive vector fields on Riemannian manifolds, **J. Optim. Theory Appl.**, 146, 2010, 691-708. (with J. H. Wang, G. Lopez and V. Martin-Marquez).
23. Constraint qualifications for optimality conditions and total Lagrange dualities in convex infinite programming, **Nonlinear Anal.**, 73, 2010, pp.1143-1159. (with D. H. Fang and K. F. Ng).

24. Nearest and farthest points in spaces of curvature bounded below, **J. Approx. Theory**, 162, 2010, pp.1364-1380. (with R. Espínola and G. Lopez).
25. Convergence behavior of Gauss-Newton's method and extensions of the Smale point estimate theory, **J. Complexity**, 26, 2010, pp.268-295.(with N. C. Hu and J. H. Wang).
26. Subdifferentials of perturbed distance functions in Banach spaces, **J Global Optim.**, 46, 2010, pp. 489-501. (with J. H. Wang and H. K. Xu).
27. Iterative algorithms for nonexpansive mapping in Hadamard manifolds, **Taiwanese J. Math.**, 14(2), 2010,pp.541-559. (with G. Lopez and V. Martin-Marquez).
28. Bregman distance, approximate compactness and convexity of Chebyshev sets in Banach, **J. Approx. Theory**, 162, 2010, pp.1128-1149. (with W. Song and J. C. Yao).
29. Well-posedness of the perturbed optimization in Banach space: the maximum problems, **Taiwanese J. Math.**, 14(4), 2010,pp.1351-1369. (with L. H. Peng and J. C. Yao).
30. Smale's α -theory for inexact Newton methods under the γ -condition, **J. Math. Anal. Appl.**, 369, 2010,pp.29-42. (with W. P. Shen).
31. Bregman distances and Klee sets in Banach spaces, **Taiwanese J. math.**, 13(6)(2009), 1847-1865. (with D. H. Fang and W. Song).
32. Constraint qualifications for extended Farkas's lemmas and Lagrangian dualities in convex infinite programming, **SIAM J. Optim.**, 20(3)(2009), 1311-1332. (with D. H. Fang and K. F. Ng).
33. Existence of solutions for variational inequalities on Riemannian manifolds, **Nonlinear Anal.**,71(11)(2009), 5695-5706. (with S. L. Li, Y. C. Liou and J. C. Yao).
34. Stable and total Fenchel duality for convex optimization problems in locally convex spaces, **SIAM, J. Optim.**, 20(2)(2009), 1032-1051. (with D. H. Fang, G. Lopez, and M. A. Lopez).
35. Monotone vector fields and the proximal point algorithm on Hadamard manifolds, **J. London Math. Soc.**, 79(2)(2009), 663-683. (with G. Lopez and V. Martin-Marquez).
36. Extended Newton's method for mappings on Riemannian manifolds with values in a cone, **Taiwanese J. Math.**, 13(2009), 633-656. (with J. H. Wang and S. C. Huang).
37. Convergence of the family of Euler-Halley type methods on Riemannian manifolds under the γ -condition, **Taiwanese J. Math.**, 13(2009), 585-606. (with J. H. Wang).
38. Kantorovich-type convergence criterion for inexact Newton methods, **Applied Numer. Math.**, 59(2009), 1599-1611. (with W. P. Shen).

39. Smales point estimate theory for Newtons method on Lie groups, **J. Complexity**, 25(2009), 128-151. (with J. H. Wang and J. P. Dedieu).
40. Generalized derivatives of distance functions and the existence of nearest points, **Non-linear Anal.** , 70(2009), 2575-2581. (with J. S. He).
41. Nonlinear simultaneous approximation in complete lattice Banach spaces, **Taiwanese J. Math.**, 12(2008), 2373-2385. (with D. F. Fang and X. F. Luo).
42. Well-posedness of a class of perturbed optimization problems in Banach spaces, **J. Math. Anal. Appl.**, 346(2008), 384-394. (with L. H. Peng and J. C. Yao).
43. Convergence criterion of Newtons method for singular systems with constant rank derivatives, **J. Math. Anal. Appl.**, 345 (2008), 689-701. (with X. B. Xu).
44. Convergence criterion of inexact methods for operators with Holder continuous first derivatives, **Taiwanese J. Math.**, 12(2008), 1865-1882. (with W. P. Shen).
45. Local convergence of inexact methods under the Hölder condition, **J. Comp. Appl. Math.**, 222(2008), 544-560. (with W. P. Shen).
46. Best simultaneous approximation to totally bounded sequences in Banach spaces, **Act. Math. Sinica, New series**, 24(2008), 1541-1554. (with X. F. Luo and G. Lopez).
47. Newton's method for sections on Riemannian manifolds: generalized covariant α -theory, **J. Complexity**, 24(2008), 423-451. (with J. H. Wang).
48. Constraint qualifications for convex inequality systems with applications in constrained optimization, **SIAM J. Optim.**, 19(2008), 163-187.(with K. F. Ng and T. K. Pong).
49. Nonlinear weighted best simultaneous approximation in Banach spaces, **J. Math. Anal. Appl.**, 337(2008), 1100-1118.(with X. F. Luo and G. Lopez).
50. Kantorovichs type theorems for systems of equations with constant rank derivatives, **J. Comp. Appl. Math.**, 219(2008), 110-122.(with N. C. Hu and W. P. Shen).
51. Uniqueness of simultaneous approximations in continuous function spaces, **Appl. Math. Let.**, 21(2008), 383-387.(with L. H. Peng).
52. Porous sets for mutually nearest points in Banach spaces, **Opuscula Math.**, 28(2008), 73-82. (with J. Myjak).
53. Newton's method for underdetermined systems of equations under the γ -condition, **Numer. Funct. Anal. Optim.**, 28(2007), 663-679. (with J. S. He and J. H. Wang).
54. Majorizing functions and convergence of the Gauss-Newton method for convex composite optimization, **SIAM J. Optimization**, 18(2), 2007, 613-642.(SCI). (with K. F. Ng).

55. Limit theory of restricted range approximations of complex-valued continuous functions, **Science in China**, 50(2007), 1427-1440. (with X. F. Luo).
56. Convergence of Newton's method for systems of equations with constant rank derivatives, **J. Comp. Math.**, 25(2007), 705-718 .(with X. B. Xu).
57. Convergence criterion and convergence ball of the King-Werner method under the radius Lipschitz condition, **Taiwanese J Math** ,11(2007), 239-253. (with X. T. Ye and L. Y. Hou,)
58. Convergence of the variants of the Chebyshev-Halley iteration family under the Holder condition of the first derivative, **J Comput. Appl. Math**, 203(2007), 279-288.(with X. T. Ye and W. P. Shen).
59. The SECQ, Linear Regularity, and the Strong CHIP for an Infinite System of Closed Convex Sets in Normed Linear Spaces, **SIAM J. Optim.**, 18 (2007), 643-665.(with K. F. Ng and T. K. Pong).
60. Existence and porosity for a class of perturbed optimization problems in Banach spaces, **J Math Anal Appl.**, 325(2007), 987-1002.(with L. H. Peng).
61. On Base constraint Qualification for Infinite System of Convex Inequalities in Banach Spaces, **Act. Math. Sinica, New series**, 23(2007), 65-76.(with X. T. Ye).
62. On mutually nearest points of unbounded sets in Banach spaces, **J. Nonlinear Convex Anal.**, 8(2007), 165-177.(with J. Myjak).
63. Porosity of perturbed optimization problems in Banach spaces, **J. Math. Anal. Appl.**, 324(2006), 751-761.(with L. H. Peng).
64. Convergence of the family of the deformed Euler-Halley iterations under the Holder condition of the second derivative, **J Comput. Appl. Math**, 194(2006), 294-308.(with X. T. Ye).
65. Newtons method on Riemannian manifolds: Smale's pointestimate theory under the -condition, **IMA Numer. Anal.**, 26(2006), 228-251. (with J. H. Wang).
66. Uniqueness of the singular point of vector field on Riemannian manifold under the γ -condition, **J. of Complexity**, 22(2006), 533-548. (with J. H. Wang).
67. On generic well-posedness of restricted Chebyshev center problems in Banach spaces, **Act. Math. Sinica, New series**, 22(2006), 741-750. (with G.Lopez).
68. On best restricted range approximation in continuous complex-valued function spaces, **J Approx. Theory**, 136(2005), 159-181.(with K. F. Ng).
69. Strong uniqueness of the restricted Chebyshev center with respect to an RS-set in a Banach space, **J Approx. Theory**, 135(2005), 35-53.
70. Convergence of The Newton Method and Uniqueness of Zeros of Vector Fields on Riemannian Manifolds, **Science in China**, 48(2005), 1465-1478. (with J. H. Wang).

71. Strong CHIP for Infinite System of Closed Convex Sets in Normed Linear Spaces, **SIAM J Optim.**, 16(2005), 311-340.(with K. F. Ng).
72. On Constraint Qualification for Infinite System of Convex Inequalities in a Banach Space, **SIAM J Optim.**, 15(2005), 488-512. (with K. F. Ng).
73. On best approximations from RS-sets in complex Banach spaces, **Acta Math. Sinica, New series**, 21(2005), 31-38.
74. Convergence and Uniqueness Properties of Gauss-Newton's Method, **Computer Math. Applic.** 47(2004), 1057-1067. (with W. H. Zhang and X. Q. Jin)
75. On well posed mutually nearest and mutually furthest points problems in Banach spaces, **Act. Math. Sinica New series**, 20(2004), 147-156. (with R. X. Ni).
76. Strong uniqueness of best approximations in spaces of bounded linear operators, **Science in China (Ser. A)**, 47(2004), 339-351. (with J. S. He)
77. Ambiguous Loci of Mutually Nearest and Mutually Furthest Points in Banach Spaces **Nonlinear Anal.**, 58(2004), 1000
367-377.(with H. K. Xu,)
78. Porosity of Mutually Nearest and Mutually Furthest Points in Banach Spaces. **J Approx. Theory**, 125(2003), 10-25. (with H. K. Xu).
79. On nonlinear simultaneous Chebyshev approximation problems, **J Math. Anal. Appl.**, 288(2003), 167-181. (with G. A. Watson).
80. Constraint Qualification, the Strong CHIP and Best Approximation with Convex Constraints in Banach Spaces, **SIAM J Optim.**,14(2003), 584-607. (with K. F. Ng).
81. Convergence of Newton's method and uniqueness of the solution of equations in Banach spaces II, **Act. Math. Sinica New series**, 19(2003), 405-412. (with X. H. Wang).
82. On the united theory of the family of Euler-Halley type methods with cubical convergence in Banach spaces, **J Comp. Math.**, 21(2003)(2), 195-200. (with X. H. Wang).
83. On the relationship between the convergence ball of the Euler iteration in Banach spaces and its dynamical behavior on Riemann spheres, **Science in China(Ser. A)**, 46(2003), 376-382. (with H. Y. Wang and X. H. Wang).
84. On best uniform restricted range approximation in complex-valued continuous function spaces, **J Approx. Theory**, 120(2003), 71-84.
85. On best approximation to nonconvex sets and perturbation of nonconvex inequality systems in Hilbert spaces, **SIAM J Optim.**, 13(2002), 726-744. (with K. F. Ng).

86. Convergence of Gauss-Newton methods for convex composite optimization **Math. Program.**, 91(2002), 349-356. (with X. H. Wang).
87. A unified convergence theory for Newton's type methods for zeros of nonlinear operators in Banach spaces, **BIT, Numer. Math.**, 42(2002), 206-213. (with X. H. Wang and M. J. Lai).
88. Derivatives of Generalized Distance Functions and Existence of Generalized Nearest Points, **J Approx. Theory**, 115(2002), 44-55. (with R. X. Ni).
89. Nonlinearly constrained best approximation in Hilbert spaces, the strong CHIP and the basic constraint qualification condition, **SIAM J Optim.**, 13(2002), 228-239. (with X. Q. Jin).
90. On almost well-posed mutually nearest and mutually furthest points problems, **Numer. Funct. Anal. Optim.**, 23(3&4)(2002), 323-331. (with H. K. Xu).
91. The limit of best generalized peak norm approximations, **J Math. Anal. Appl.**, 263(2001), 683-694. (With G. A. Watson).
92. Local and Global Behaviors for Algorithms of Solving Equations, **Chinese Science Bulletin**, 46 (2001), 441-447. (with X. H. Wang).
93. On well posedness of best simultaneous approximation problems in Banach spaces, **Science in China(Ser. A)**, 44(2001), 1558-1570.
94. On Well Posed Generalized Best Approximation Problems, **J Approx. Theory**, 107(2000), 96-108.
95. On mutually nearest and mutually furthest ooints in reflexive Banach spaces. **J Approx. Theory**, 103(2000), 1-17.
96. On well posedness of farthest and simultaneous farthest problems in Banach spaces, (in Chinese), **Acta Math Sinica**, 43(2000),421-426. (with R. X. Ni).
97. On Convergence of the Gauss-Newton Method for Convex Composite Optimization, **Progress in Natural Sciences**, 10(2000), 470-473.
98. Local and global behaviors for algorithms of solving equations, **Chinese Science Bull**, 46(2001), 444-451. (with X.H. Wang).
99. Nonlinear minimization on $C(X)$ and applications, **Numer Math, JCU**, 9(2000). (with W.S. Yang).
100. Best simultaneous approximation problems of an infinite set of functions, **Computer Math. Appl.** 37(1999), 1-9. (with G.A. Watson).
101. An estimate of Lipschitz constants for metric projections, **J. Math. Anal. Appl.**, 231(1999), 133-141. (with X.H. Wang and W.S. Yang).

102. On approximation using a generalized peak norm, **Communication in Applied Analysis**, 3(1999), 357-371. (with G.A. Watson).
103. On well posedness of simultaneous farthest problems in Banach spaces, (in Chinese), **Acta Math Sinica**, 42(1999). (with R. X. Ni).
104. Lipschitz continuity of best approximation and Chebyshev centers, **Chinese Science Bulletin**, 43(1998), 185-188. (with X. H. Wang).
105. Generalized weight approximation by maximal families with applications, **Acta Math. Sinica, New series**, 14(1998), 635-647. (with X.H. Wang).
106. Derivatives of furthest functions and existence of furthest points, (in Chinese), **Appl Math JCU** 13(1998), 55-60. (with R. X. Ni).
107. A note on sunsets in spaces of bounded linear operators, **Appl Math JCU**, 13B(1998), 359-361.
108. Almost Chebyshev set with respect to bounded subsets, **Science in China (Ser. A)**, 40(1997), 375-383. (with X.H. Wang).
109. Strong uniqueness in restricted rational approximation, **J. Approx. Theory**, 89(1997), 96-113. (with G.A. Watson).
110. On best simultaneous approximation, **J. Approx. Theory**, 91(1997), 332-348. (with G.A. Watson).
111. Characterization and uniqueness of nonlinear uniform approximation, **Proc. Edingburg Mathematical Society**, 40(1997), 473-482. (with W. S. Yang and G. A. Watson).
112. A variation of varisolvent L_1 approximation, **Communications Appl. Anal.**, 1(1997), 119-130. (with W. S. Yang and G. A. Watson).
113. A class of best simultaneous approximation problems, **Computer Math. Applic.** 31(10)(1996), 45-53. (with G.A. Watson).
114. On vector valued function approximation using a peak norm, **Approx. Theory Appl.**, 12(2)(1996), 1-12. (with G. A. Watson).
115. Nonlinear approximation of set-valued maps in Banach spaces (in Chinese), **Acta Math Sinica**, 39(1996), 133-139.
116. Sunsets in spaces of bounded linear operators, **Chinese Annual Mathematics** 16A(1995), 60-69 (in Chinese); **Chinese J. Contemp. Math.**, 16(1995), 49-61 (in English).
117. Characterization of a best and a unique best approximation from constrained rationals, **Computer Math. Applic.**, 30(3-6)(1995), 51-57. (with G.A. Watson).

118. On approximation using a peak norm, **J Approx. Theory**, 77(1994), 266-275. (with G.A. Watson).
119. Strong unicity for monotone approximation by reciprocals of polynomials, **J Approx. Theory**, 78(1994), 19-29. (with W.S. Yang).
120. Lipschitz continuity of Chebyshev centers (in Chinese), **Kexue Tongbao**, 39(1994), 1833-1836. (with X.H. Wang).
121. Korovkin theorem in spaces L_p , (in Chinese), **J System Science and Mathematical Sciences**, 13(1993), 82-88.
122. Best simultaneous approximation by RS -sets,(in Chinese), **Numer Math. JCU**, 15(1993), 62-71.
123. Chebyshev approximation by functions having restricted ranges with equalities, **Numer Math. JCU**, English Ser., 2(1993), 57-66.
124. Uniform strong unicity for simultaneous rational Chebyshev approximation, (in Chinese),**Acta Math Sinica**, 35(1992), 460-471.
125. The existence of a class of functions on $L_p(\mu, X)$ ($0 < p < 1$), (in Chinese), **Chinese Annual Math.**, 12A(1991), 182-185. (with Z. Y. Wang).
126. On a problem on Chebyshev centers, (in Chinese), **Chinese Ann. Mathematics**, 12A Supplement (1991), 124-127.
127. On Chebyshev additive weight approximation, (in Chinese), **Chinese Ann. Mathematics**, 11A(1990), 308-313.
128. Simultaneous approximation with restricted ranges, (in Chinese), **Math Numer Sinica**, 12(1990), 9-16.
129. Almost K -Chebyshev subsets, (in Chinese), **Acta Math Sinica**, 33 (1990), 251-259.
130. Restricted approximations in normed linear spaces and their applications, (in Chinese), **Acta Math Appl Sinica**, 13(1990), 296-303.