

CURRICULUM VITAE 履歷

Personal Data

Name Chung-Chun Yang (楊重駿)
Present Position Professor (1990 -)
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Education

| Date | Institute | Major | Degree |
|--------------------|---------------------------------------|-------------|--------|
| Sept. 60 - Jun. 64 | National Taiwan Univ. Taipei, Taiwan | Mathematics | B.S. |
| Sept. 65 - Aug. 66 | Univ. of Wisconsin Madison, Wisconsin | Mathematics | M.S. |
| Sept. 66 - Jan. 69 | Univ. of Wisconsin Madison, Wisconsin | Mathematics | Ph.D. |

Research Interests

Complex Analysis, Value distribution theory and complex dynamics, Database management and Image enhancement.

Working Experiences

Sept. 70 - Jul. 90 Research Mathematician
Naval Research Laboratory, Washington, D.C.
Sept. 83 - Aug. 84 Visiting Professor
Department of Electrical & Computer Engineering
Illinois Institute of Technology, Chicago, Illinois
Sept. 69 - Jun. 70 Research Associate
Department of Mathematics
Michigan State University, East Lansing, Michigan
Jan. 69 - Jun. 69 Instructor
Department of Mathematics
University of Wisconsin, Madison, Wisconsin
Jun. 69 - Sept. 69 Consultant
Naval Research Laboratory, Washington, D.C.

Awards & Honors

Annual Research Publications Award, 1972 - Naval Research Laboratory.
Special Achievements Award 1987 - Naval Research Laboratory.
Concurrent Professor of the Math. Dept., Nanjing University, China 1993 -
Honorary Professor, Quanzhou Teacher's College, 1995 -
Honorary Professor, Central-South China University of Science & Technology, 1999 -

Professional Associations & Activities

Vice president, The International Society of Analysis, Applications & Computation (ISAAC)

President, the Hong Kong Mathematical Society, 1994 - 1996

American Mathematical Society: member of Committee on Chinese Translations

Reviewer for Math. Reviews and Zentrablatt für Mathematik

Editor of the Southeast Asian Bulletin of Mathematics

Biographs of Modern Chinese Mathematicians, Associate Editor, Jiang-Su Educational Publishing Co.

(中國現數學家傳，副主編，江蘇教育出版社)

Editor-in-chief of the Bulletin of Hong Kong Mathematical Society, by Gordon-Breach publishers, 1995-1997.

Executive editor of Asian Math. Series, Gordon-Breach Science Publishers.

Editor of the International Journal of Complex Variables (1997 -).

Invited Talks and Special Sessions' Organizer (after 1985)

1. During August in Summer of 1988 conducted a one-week Seminar on Complex Functions Theory at Qinghua Univ. (Hsin-Chu, Taiwan). Invited talks also delivered at National Taiwan Univ., Jia-Tung Univ., Tam-Kang Univ. and Central Univ. in Taiwan.
2. International Conference on Differential Equations & Applications (Invited speaker), Pan American Univ. Texas, USA May 20-24, 1987.
3. The special session on analysis of one complex variable (organizer) in conjunction with American Mathematical Society 821 Annual Meeting, 1985.
4. International Conference on Complex Analysis (main speaker) Xian, China, May 22-26, 1987.

In June, 1987 invited talks were delivered at Zhong-Shan Univ. (Guangzhou), Wuhan Univ., Institute of Mathematics, Academic Sinica (Beijing), Yantai Univ. (Yantai), Nanjiang Normal Univ, East-China Normal Univ, Fudan Univ., & Hong Kong Univ. H.K.

5. Asian Mathematical Conference (main speaker) Hong Kong, Aug. 14-18, 1990.
6. The 7th National Conference on Function Theory (main speaker), Qingdao, China Sept. 3-8, 1990 invited talks were given at Shandong Univ. Peking Univ. in Sept 11 & Sept 12 respectively.
7. Delivered a talk to Faculty of Technology of Kanazawa University, Japan in April 13, 1991.

8. Delivered a talk at Institute of Mathematics, National Taiwan University, April 16, 1991.
9. Served as the main speakers for the complex analysis seminar held at Cheng-Kung University, July 10-14, 1991.
10. To serve as the organizer of the special session "Iteration and Factorization of Entire and Meromorphic Functions" in conjunction with Amer. Math. Society Baltimore Meeting held during Jan. 8-11, 1992.
11. Organized and served as the Chairman of the International Conference on Complex Analysis and Its Applications held at the HKUST, Jan 15-17, 1993.
12. Invited and delivered a talk (as a main speaker) at International Conference on Analysis held at Hangzhou Univ. China, May 17 - 23, 1993.
13. Invited and delivered a talk (as a main speaker) at International Conference on Complex Analysis and the VIIth Romania-Finnish Seminar on Complex Analysis, held at Timisoara University Romania, Aug. 23 - 27, 1993.
14. Mini-course speaker at the workshop on Value Distribution Theory, held at Siikasalmi Research Station, Finland, Sept. 10 - Sept. 21, 1994.
15. Delivered talks at National Taiwan University, Institute of Math. Academia Sinica, Taipei, Univ. of Maryland, Michigan State Univ., Purdue University, State Univ. of New York at Albany, and Univ. of Delaware during the sabbatical leave period, Sept. 1994 - June 1995.
16. Invited and delivered a talk (as an honorable guest) at Chinese Mathematical Society's 60th Anniversary Meeting held at Tsing-Hua University, Beijing during May 18 - 22, 1995.
17. Plenary speaker of the Asian Mathematical Conference ` 95, Oct. 17-20, 1995, Nakhon Ratchasima, Thailand.
18. Invited to deliver a main talk at the IMC'96 (12-15, Nov 96) held in Changhua, Taiwan.
19. Invited to deliver a talk at Peking University in Nov 1996.
20. Delivered a talk at the AMS Annual Meeting, Jan 1997.
21. Invited to deliver a talk at Institute for Advanced Study, 23 Jan 1997.
22. Delivered a talk at Tsing-hua University, Beijing, 26 March 1997.
23. Invited to deliver a talk at Beijing Normal University, 27 March 1997.
24. Delivered a talk at the Ph.D. centennial conference, Dept. of Math., University of Wisconsin-Madison, May 24 1997.
25. Delivered a talk at the ISAAC first congress (as a session organizer and scientific committee member of the congress), 4 June 1997.

26. Visited and delivered a talk at the Institute of Mathematics, Academia Sinica, Taipei, Taiwan, 16 June 1997.
27. Organizer and a speaker for the session “Value distribution theory and its related topics” which is in conjunction with Amer. Math. Soc. Baltimore Annual Meeting, held in Baltimore, Md. U.S.A., Jan. 1998
28. Visited and delivered talks at the Institute of Mathematics, Academia Sinica and Jiao-Tong University, Taiwan, in April 1998.
29. Scientific committee member and a speaker at the Int. conference on complex analysis of finite and infinite dimensional spaces, held at National Andong Univ., Korea, in July 1998.
30. Attended and delivered a short talk at the ICM’ 98, Berlin, Germany, 17-26 August, 1998.
31. Organized and served as the Chairman of the “International Workshop on value distribution theory and its applications” which was held at the HKUST, during 23-26 July 1996. The selected paper from the Workshop was published as a special issue of the Bulletin of the Hong Kong Mathematical Society, Vol. 1, No. 2 (1997), with Alan F. Beardon as the co-editor of the special issue.

List of publications

Published Papers

1. On Deficiencies of Differential Polynomials, Math. Zeit., 116, 1970.
2. A Generalization of a Theorem of P. Montel on Entire Functions, Proceedings of the American Mathematical Society, Vol. 26, No. 2, October 1970.
3. Applications of the Tumura-Clunie Theorem, Transactions of the American Mathematical Society, Vol. 151, October 1970.
4. Half-Plane Tumura-Clunie Theorems and the Real Zeros of Successive Derivatives (with S. Hellerstein), J. London Math. Soc. (2), 4 (1972).
5. On the Growth of the Composition of Entire and Meromorphic Functions, Accademia Nazionale Dei Lincei, Series VIII, Vol. LI, 1971.
6. On Deficiencies of Differential Polynomials, II, Math. Zeit., 125, 1972.
7. On Meromorphic Functions with Three Almost Linear Values, Math. Zeit., 123, 1971.
8. On the Growth of the Meromorphic Solutions of Certain Functional-Differential Equations (with F. Gross), Accademia Nazionale Dei Lincei, Series VIII, Vol. LIII, 1972.
9. Some Results on the Growth Rate of Meromorphic Functions (with F. Gross), Archiv der Mathematik, Vol. XXIII, 1972.
10. On Meromorphic Solutions of Generalized Algebraic Differential Equations, Annali di Matematica pura ed applicata, (IV), Vol. XCI, 1972.
11. A Note on Malmquist's Theorem on First-Order Differential Equations, The Yokohama Mathematical Journal, Vol. XX, No. 2, 1972.
12. The Fix-Points and Factorization of Meromorphic Functions (with F. Gross), Transactions of the American Mathematical Society, Vol. 168, June 1972.
13. Reduction of a Class of Nonlinear Integral Equations to a Cauchy System, (with H. Kagiwada and R. Kalaba) J. Math. Phys., Vol. 13, No. 2, February 1972.
14. Prime Entire Functions with Prescribed Nevanlinna Deficiency (with F. Gross and C. Osgood), Nagoya Mathematical Journal, Vol. 47, September, 1972.
15. A Remark on Rosenbloom's Paper, "The Fix-Points of Entire Functions," Journal of Mathematical Analysis and Applications, Vol. 41, No. 2, February 1973.
16. Primeable Entire Functions, (with Osgood, Gross) Nagoya Mathematical Journal, Vol. 51, September 1973.
17. Interpolation and Unavoidable Families of Meromorphic Functions (with L.A. Rubel), Michigan Math. Jour. 20 (1973).

18. On Meromorphic Solutions of a Certain Class of Functional-Differential Equations (with F. Gross), Annales Polonici Mathematici XXVII, (1973), pp. 305-311.
19. On Pseudo-Prime Entire Functions, Tohoku Mathematical Journal, The Second Series, Vol. 26, No. 1, pp. 65-71. (March 1974)
20. On Factorization of Entire Functions with Infinitely Many Real Zeros, Indian Jour. of Pure and Applied Mathematics, Vol. 3, No. 6. (1972)
21. On Periodic Entire Functions (with F. Gross), Rendiconti del Circolo Matematico, Serie II, Tomo XXI, pp. 284-292. (1972).
22. On Periodicity of Entire Functions, Proceedings of the American Mathematical Society, Vol. 43, No. 2, (1974), pp. 353-356.
23. Further Results on Prime Entire Functions (with F. Gross), Transactions of the American Mathematical Society, Vol. 122, (1974), pp. 347-355.
24. On the Entire Solutions of a Functional Equation in the Theory of Fluids (with C.F. Osgood and F. Gross), Journal of Mathematical Physics, Vol. 16, No. 10, October 1975.
25. On the Entire Solutions of the Functional Equation $f(f(z)) = F(z)$, Archiv der Math., Vol. XXVI, 1975.
26. On the Coefficients of a bounded Univalent Analytic Function, The Proceedings of the Indian Academy of Sciences, Vol. LXXXII, Sec. "A", No. 2, 1975.
27. On the Zeros of an Entire Function and its Derivative, Jour. of Chinese Mathematics, Vol. 2, No. 2, November 1974.
28. Some results on the Fix-points and Factorization of Entire and Meromorphic Functions, Jour. of Mathematical Society of Japan, Vol. 26, No. 1, (1976), pp. 144-159.
29. A Note on the Growth of Entire Functions, Seminario Matematico de Barcelona, Vol. XXVI - FACS. 3.º O Ano 1975.
30. A New Functional Equation in the Plasma Inverse Problem and its Applications (with H. Szu, C. Carroll and S. Ahn), Jour. Math. Phys., Vol. 17, No. 7, July 1976.
31. On the Quotient of Two Integral Functions (with C. Osgood), Jour. of Mathematical Analysis and Applications, Vol. 54, No. 2, May 1976.
32. On the Growth of $f(g)$ where f is meromorphic and g is entire, Archiv Der Math, Vol. XXVIII, 1977.
33. On Meromorphic Functions Taking the Same Values at the Same Points, Kodai Math. Sen. Rep., Vol. 28, Nos. 2-3, March 1977.
34. On the Entire Functions Together with Their First Derivatives Having the Same Zeros, Journal of Math. Anal. and Appl., Vol. 56, No. 1, October 1976.

35. Values Shared by an Entire Function and its Derivatives (with L.A. Rubel), Lecture Notes in Mathematics, Vol. 599, Complex Analysis - Kentucky 1976, published by Springer-Verlag.
36. An Infinite Order Periodic Entire Function Which is Prime (with I.N. Baker), Lecture Notes in Mathematics, Vol. 699, Complex Analysis - Kentucky 1976, published by Springer-Verlag.
37. On the Functional Equation $p(f(z)) - \sin a(z)+b(z)$, Accademia Nazionale Dei Lincei, Serie VIII, Vol. LXI, fasc, 1-2 (Luglio Agosto) Feri 1976.
38. A Problem on Polynomials, Revue Roumaine De Mathematiques Pures Et Appliquees, Tome XXII, No. 5, 1977.
39. On Certain Entire Functions which Together with their Derivatives are Prime, (with H. Urabe) Kodai Math. Sem. Rep. 29, (1977)
40. On the Factorization of Entire Functions, Illinois Jour. of Math. Vol. 21, No. 4, December 1977.
41. On entire Functions with Prescribed Asymptotic Behavior Along Real Axis, Bulletin Calcutta Math. Soc., Vol. 70, No. 1, 1978.
42. Spectral Theory for the Acoustic Wave Equations with Generalized Neumann Boundary Conditions in Exterior Domain (with H.H. Chen), J. Math. Physics, 19 (5), May 1978.
43. Encoding Techniques for Efficient Retrieval from Pictorial Data Bases (with S.K. Chang, Proceedings, IEEE Society Conference on Pattern Recognition and Image Processing, Chicago, Illinois, 1978.
44. On Some Nonlinear Generalizations of Gronwall-Bellman's Inequality, Bulletin of the Institute of Mathematics, Academia Sinica, Vol. 7, No. 1, March 1979.
45. A Remark on the Approximation of a Closed Curve, Annales De la Societe Scientifique De Bruxelles, Tome 92, I-II, 1978.
46. On the Zeros of an Entire Function which is Periodic mod a Non-constant Entire Function of Order Less Than One, (with H. Urabe), Proc. of the Japan Academy, Vol. 54, Ser, A, No. 6, (1978)
47. On Nonreal Complex Roots of a Certain Class of Entire Functions, Indian Journal of Mathematics, Vol. 21, 1979.
48. Some Triangle Inequalities and Generalizations, (with C.E. Carroll and S. Ahn), Canadian Mathematical Bulletin, Vol. 23, No. 3, 1980.
49. On A Class of Continued Fractions with Entries Being Complex Variable Functions: An Application to the Finite Inhomogeneous Network Synthesis, (with T.N. Lee), Industrial Mathematics, Vol. 29, Part 1, 1979.
50. A Note on the All Nearest-Neighbor Problem for Convex Polygons (with D.T. Lee), Information Processing Letters, Vol. 8, No. 4, 1979.

51. A Heuristic Method for Generalized Hypercube Encoding (with K.K. Singh, S.K. Chang), Proceedings of Compsac, Chicago, Illinois, November 1979.
52. Location of Multiple Points in a Planar Subdivision (with D.T. Lee), Information Processing Letters, Vol. 9, No. 4, 1979.
53. On n-dimensional Sampling Theorem, (with K.H. Chen), Applied Mathematics and Computation, 1980, Elsevier Publishing Company, Inc.
54. On Right and Left Factors of a Certain Class of Entire Functions (with F. Gross) Journal of Mathematical Analysis and Applications, October 1980.
55. On Prime Periodic Entire Functions, 1980, Math. Zeit. Springer-Verlag.
56. On a Characteristic Property of Periodic Entire Functions (with H. Urabe), Kodai Math. J., Vol. 3, 1970.
57. Software Design for Image Information Systems, S.K. Chang, Igor Jurkevich, Alan Petty, Chung-Chun Yang, IEEE EASCON '83, 86th Annual Electronics & Aerospace Conference and Exposition, September 1983.
58. Picture Information Measure For Similarity Retrieval, (with S.K. Chang) Computer Vision, Graphics & Image Processing, 23, 1983, pp. 366-375.
59. Further Results on the Fix-Points of Composite Transcendental Entire Functions, Jour. Math. Analysis and Applications, Vol. 90, No. 1, 1982, pp. 259-269.
60. On the Preimage Sets of Entire Functions, (with G. Gunderson), Kodai Math. Journal, Vol. 7, 1984.
61. Further Growth Properties of Composition of Entire and Meromorphic Functions, (with G.D. Song), Indian Journal of Pure and Applied Math., 15(1), Jan. 1984, pp. 67-82.
62. Further Results on Common Right Factors, (with F. Gross), Yokohama Math. Jour. 1985.
63. On Prime Entire Functions, (with K. Niino) Kodai Math. Journal 1980.
64. Meromorphic Functions covering certain finite sets at the same points (with F. Gross), Illinois Jour. of Math., Vol. 26, No. 3, 1982, pp. 432-441.
65. Trace Confirmation with Given Object Position; (with S.K. Chang, B. Lou & M.C.K. Yang), International Journal of Computer and Information Science, Vol. 15, 1985, pp. 439-454.
66. Automatic Curve fitting with Quadratic B-spline Functions and Its Applications to Computer Assisted Animation; (with M.C.K. Yang, et.al) Computer Vision Graphics and Image Processing, Vol. 33, 1986, pp. 346-363.
67. Image Enhancement for Segmentation by Self-induced Autoregressive Filtering, (with Mark Yang), IEEE Transaction on Pattern Analysis and Machine Intelligence, Vo. II, 1989, pp. 655-661.

68. On zeros of $f(g(z)) - \alpha(z)$ (with F. Gross), Analysis of one complex variable (edited by C.C. Yang), World Scientific, 1985, pp. 104-112.
69. On pseudo-primality of the product of some pseudo-prime meromorphic functions, (with Y. He), Analysis of one complex variable, edited by C.C. Yang, World Scientific, 1985, pp. 113-124.
70. Uniquely Factorizable Entire Functions Under Composition, (with H. Urabe), Forum Math. I, (1989), 309-313.
71. On Factorization of Certain Class of Entire Functions, Jour Math. Analysis & Applications, Vol. 143, No. 2, (1989).
72. Some Aspects of Factorization Theory - A Survey Complex Variables, Vol. 13, (1989), pp 133-142.
73. On the Growth of Linear Differential Polynomials of Meromorphic Functions (with C.J. Dai), Jour. of Math. Analysis of Applications, Vol. 150, No. 1, (1990), pp 79-84.
74. Factorization Theory of Meromorphic Functions and its Research Problems. (with G.D. Song, Y.Z. He), Advances in Mathematics, Vol. 20, No. 2, (1991), pp 142-151.
75. Meromorphic Functions that Satisfy no Algebraic Differential Equations (with Y.Z. He), Acta Mathematica Scientia, Vol. 11, No. 3, (1991), pp 343-348.
76. On Factorization of Entire Functions Satisfying Differential Equations (with H. Urabe), Kodai Math. J, Vol. 14, (1991), pp 123-133.
77. On the Uniqueness of Meromorphic Functions whose Derivatives Share the same 1-points (with H.X. Yi), Acta Math. Sinica, Vol. 34, No. 5, (1991) pp. 675-680.
78. Remarks on the Deficiencies of Systems of Entire Functions of Finite Order (with L.Z. Yang), Complex Variables, Vol. 18, (1992), pp 237-241.
79. On the Permutability of Entire Functions (with J.H. Zheng), Jour. of Math. Analysis & Applications, Vol. 167, No. 1, (1992), pp 152-159.
80. Testing whether a group of moving objects cluster toward a common destination (with Mark C.K. Yang) Proceedings. 1990 Taipei Symposium in Statistics. Institute of Statistical Science, Academia Sinica, pp 615-634.
81. Assessment of the intersection probabilities of random line segments and squares (with M.K. Yang), Computer Vision graphs and image processing, 26, (1984), pp 319-330.
82. Pseudo volume forms and their applications to holomorphic mappings, Proc. Japan Academy, vol. 69, ser. A, (1993), 149-153.
83. On the primeness of $z + \cos a(z)$ (with Gross and Zheng), Jour. of Math. Analysis & application, Vol. 176, No. 1, June 1993, pp. 1-10.

84. The factorization of $A(z)+B(w)$ under composition, (with L. Rubel), Illinois Jour. of Math, Vol. 39, No. 2, (1995), 258-270.
85. Complete meromorphic functions, (with B.Q. Li), Kodai Math. J. 15, (1993), 34-353.
86. Factorization of algebroidal functions, (with J.H. Zheng), Ann. of Math. 13A 5 (1992), 573-579.
87. Factorization of meromorphic functions in several complex variables in Contemporary Math. series A.M.S. (edited by C.C. Yang & S. Gong) vol. 142, 1993, 61-74.
88. Factorization theory of meromorphic functions of one and several complex variables, Complex Analysis and Its Applications edited by C.C. Yang etc. Vol. 305 Pitnam Res. Notes Series, in Mathematics Longman, Scientific & Technical, 1993, 114-129.
89. "On the value distribution of composite meromorphic function" (with W. Bergweiler), Bull. London Math. Soc. 25 (1993), 357 - 361.
90. "Some quantitative estimations on the zeros of differential polynomials" (with H.X. Yi), Science in China (series A), vol. 23, No. 1, (1993), 8-20.
91. "Estimate on the number of fix-points of composite entire functions" (with J.H. Zheng), Complex Variables, Vol. 24, (1994), 301-309.
92. "Further results on fixpoints and zeros of entire functions" (with J.H. Zheng), Trans. Amer. Math. Soc., Vol. 347, No. 1, Jan.(1995), 37 - 50.
93. "On the value distribution of $f^{\Delta}(f^{(k)})^n$ " (with C.K. Tze) Kodai Math. J, No. 17, No. 1, (1994), 163-169.
94. "Angular distribution of values of ff " (with Lo Yang) Science in China, Vol. 37, No. 3, (1994), 284-294.
95. "On the zero of $(f^{(k)})^n f - a$ " (with Lo Yang and Y.F. Wang) Science Bulletin, Chinese Academy of Sciences, Vol. 38, No. 24, (1993), 2125-2128.
96. "A uniqueness theorem for meromorphic functions whose n-th derivatives share the same 1-points" (with H.X. Yi) Jour. D'Analyse Mathematique, Vol. 26, (1994), 261-270.
97. "On Composition of Meromorphic Functions in Several Complex Variables" (with D.C. Chang and B.Q. Li), Forum Math. 7, (1995), 77 - 94.
98. "Some Discontinuous Boundary Value Problems for Nonlinear Elliptic Complex Equations of First Order in the Plane" (with G.C. Wen), Complex Variables, Vol. 25, (1995), 217 - 226.
99. "Factorization of Quasi-Periodic Entire Functions" (with H.X. Hua), Journal of Mathematical Analysis and Applications, Vol. 189 (1995), 1-5.

100. "Factorization of Holomorphic Mappings" (with P.C. Hu) *Complex Variables*, Vol. 27, (1995), 235 - 244.
101. "Malmquist Type Theorem and Factorization of Meromorphic Solutions of Partial Differential Equations" (with P.C. Hu), *Complex Variables*, Vol. 27, 1995, 269 - 285.
102. "Some Further Results on the Unique Range set of Meromorphic Functions" (with Ping Li), in *Kodai Math Journal*, Vol. 18, No. 3 (1995), 437 - 450.
103. "On the Unique Range set of Meromorphic Functions" (with Ping Li), *Proceeding of Amer. Math. Soc.*, Vol. 124, No. 1 (1996), 177 - 185.
104. "On Value Distribution of $ff^{(k)}$ " (with P.C. Hu), *Kodai Math. Journal*, Vol. 19, No.2 (1996), pp. 157-167.
105. "On the zeros of $f(g(z)) - \alpha(z)$ ", *Proceedings of the Conference on Complex Analysis*, International Press, (1994), 261 - 270.
106. "The second main theorem for algebroid functions of several complex variables", (with P.C. Hu), *Math. Zeit*, Vol. 220 (1995), 99-126.
107. "Unique polynomials of entire and meromorphic functions" (with X.H. Hua), *Mathematical physics, Analysis, Geometry*, Vol. 4, No. 3 (1997), 391-398.
108. "Uniqueness and value sharing of meromorphic functions" (with X.H. Hua), *Ann. Acad. Sci. Fenn. Ser. A.I. Math.*, vol. 22 (1997), 395-406.
109. "On the fix-points of composite meromorphic functions and generalizations" (with J.H. Zheng), *Journal D'Analyse Mathematique*, Vol. 68 (1996), 59-93.
110. "Further results on factorization of meromorphic solutions of partial differential equations" (with P.C. Hu) *Results in Mathematics*, vol. 30(1996), 310-320.
111. "On general boundary value problems for nonlinear elliptic equations of second order in a multiply connected domain" *Acta Applicande Mathematicae*, vol. 43, no.2(1996), 169-189.
112. "On the common right factors of meromorphic functions" (with T.W. Ng), *Bulletin of the Australian Math. Soc.*, vol. 55 (1997), 395-403.
113. "On common right factors and common right multiplier of two entire functions" *Chinese Journal of Contemporary Math.* vol. 18 (1997), 347-352.
114. "On the polynomial-value points of composite entire functions" (with J.H. Zheng) *Complex Variables*, vol. 34 (1997), 393-398.
115. "On the meromorphic functions that share a pair of small functions" (with Ping Li) *Complex Variables*, vol. 32 (1997), 177-190.
116. "Unicity and factorization of meromorphic functions" *Proceedings of the Second Asian Mathematical Conference, 1995*, (plenary talk), World Scientific Publishing Co., Singapore, 64-84.

117. "On the zeros of $\sum a_i \exp g_i$ " (with Ping Li), Proc. of Japan Academy, vol. 73, ser. A. No. 7 (1997), 137-139.
118. "On the value distribution of a certain type of differential polynomial" (with Ping Li), Mh. Math 125 (1998), 15-24.
119. "Certain criteria on the existence of a transcendental entire common right factor" (with T.W. Ng), Analysis, 17 (1997), 387-393.
120. "On the characteristics of meromorphic functions that share three values" (with Ping Li) Jour. of Math. Analysis and Applications, vol. 220 (1998), 132-145.
121. "Dynamical behavior of two permutable entire functions" (with K.K. Poon), Ann. Polon Math, vol. 168 (1998), 159-163.
122. "Invariant sets in dynamics"(with P.C. Hu), BHKMS, vol. 2 (1998), 75-88.
123. "Value distribution theory of p-adic meromorphic functions"(with P.C. Hu), Izvestiya Natsionalnoi Akademii Nauk Armenii, Matematika, vol. 32, no. 3 (1997), 46-67.
124. "The cartan conjecture for p-adic holomorphic curves" (with P.C. Hu), Izvestiya Natsionalnoi Akademii Nauk Armenii, Matematika, vol. 32, no. 4 (1997), 45-80.
125. "Open problems for the workshop on value distribution theory and its applications" (edited with A. Beardon),. Izvestiya Natsionalnoi Akademii Nauk Armenii, Matematika, vol. 32, no. 4 (1997), 9-36.
126. "Dynamics of composite mappings" (with P.C. Hu), Proc. of the Japan Academy, vol. LXXIV, Ser. A, no. 10 (1998), 146-148.
127. "On fixed points and factorization of meromorphic mappings" (with P.C. Hu), Complex Variables, vol. 38 (1999), 153-173.
128. "On the maximum and minimum moduli of meromorphic functions of lower order less than one" (with Y.K. Yeung), Annales Univ. Mariaecuri-Sklodowska, Lublin-poland, vol. 112, 18 (1998), 172-185.
129. "Uniqueness of non-Archimedean entire functions sharing sets of values counting multiplicity" (with W. Cherry), Proc. Amer. Math. Soc, vol. 127, no.4 (1999), 967-971.
130. "On the zeros and hyper-order of solutions of linear differential equations" (with Z.X. Chen), Acad. Sci. Fenn. Mathematica, vol. 24 (1999), 215-224.
131. "Fatou components of entire functions of small growth" (with X.H. Hua), Ergodic Theory and Dynamical Systems, vol. 19 (1999).
132. "Some oscillation theorem for linear differential equations with meromorphic coefficients" (with Z.X. Chen), SEABM, vol. 23 (1999), 409-417.

133. "On the growth of composite entire functions" (with W.L. Liao), *Yokohama Math. J.*, vol. 46 (1999), 97-107.
134. "Value distribution theory of p-adic meromorphic functions" (with P.C. Hu), *Izvestiya Nationalnoi Akademii Nauk Armenti, Matematika*, vol. 32, no. 3 (1997), 46-67.
135. "The cartan conjecture for p-adic holomorphic curves" (with P.C. Hu), the same journal as above, vol. 32, no. 4 (1997), 45-80.
136. "Some further results on the zeros and growths of entire solutions of second order linear differential equations" (with Z.X. Chen), *Kodai Math. J.*, vol. 22, no. 2 (1999), 273-285.
137. "Fatou components and a problem of Bergweiler", *Bifurcation and Chaos*, vol. 8 (1998), 263-267.
138. "Open problems for the Workshop on value distribution theory and its applications" (with A. Beardon), (In Russian) *Izv. Akad. Nauk. Armenii, Matematika*, vol. 32, no. 4 (1997), 12-42, English translation: *Journal of Contemporary Math. Anal. (Armenian Academy of Sciences)*, no. 4 (1997).

Papers to appear

1. "Value sharing of an entire function and its derivatives" (with Ping Li) to appear in *Jour. Japan Math. Soc.*

Books (edited, co-edited, co-authored)

1. Value distribution theory and its applications (editor), A.M.S. Contemporary Math Series, Vol. 25, 1983.
2. Factorization Theory of Meromorphic Functions (editor), Lecture Notes in Pure & Applied Mathematics, Marcel Dekker Inc., New York, 1983.
3. Analytic Functions of One Complex Variable (co-editor) Amer. Math. Soc. Contemporary Math. Series, Vol. 48, 1985.
4. Analysis of One Complex Variable (editor), World Scientific Publishing Co. Singapore 1987.
5. Fix-points and factorization of meromorphic functions (co-author) published by Peking University Press Aug. 1988; its English translation published by World Scientific Publishing Co, 1990.
6. Analytic Function Theory of One Complex Variable (co-editor), Pitnam Research Notes in Mathematics, Longman Scientific and Technical, 1990; this book introduces the achievements and developments of Japanese mathematicians in the field of complex analysis of one variable.
7. Factorization theory of meromorphic functions (co-author), (in Chinese), Fan-Yi Publishing Co. Hsin-Chu, Taiwan, July 1990.

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