

CURRICULUM VITAE

Name: Zhang Ke Min

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Citizen: Chinese

Birth: July 30, 1935 in Hangzhou, Zhejiang, P.R.China

Sex: Male

Position: Professor of Mathematics in Nanjing University

I. Education:

1956–1961: Fudan University, Shanghai, Department of Mathematics, undergraduate student

1954–1956: Nanjing Aeronautical College, Nanjing, Department of Aeronautical Instrument & Meter, undergraduate student (No degree given to anyone from 1949–1980 in China)

II. Membership of Society:

1. Mathematical Society of P.R.China
2. American Mathematical Society and Reviewer of Mathematical Reviews
3. Combinatorial Mathematical Society of Australasia
4. The Institute of Electrical and Electronics Engineers, Inc.
5. Association for Computing Machinery
6. New York Academy of Sciences

III. Research Work:

1978–present: Nanjing University, Combinatorial Mathematics, Combinatorial Matrix Theory, Graph Theory.

Research interests: Cycles, paths, connectivity of graph; Nonnegative matrices with its parameters (exponent, index of convergence, index of the maximum density); Ramsey numbers (classical or generalized)

1966–1977: None since the Great Cultural Revolution

1961–1966: Nanjing University, Functions, Topology

IV. Teaching Experience:

1961–present: Nanjing University, Department of Mathematics, Current courses: Combinatorial mathematics, Graph theory, Calculus, Complex analysis etc (for undergraduate student); Matroid theory, Hypergraphs, Combinatorial algorithms, Boolean matrix theory etc (for graduate student). Since 1988 I have supervised sixteen students who have obtained their Master degree or Ph.D.degree.

V. Publications: (concerning graph theory)

1. On Irregularity of Vertices for a Class of Tournaments, Nanjing Shiyuan Xuebao 1 (1980) 1–10. (with Wu Zheng Sheng and Zou Yuan)
2. A Necessary and Sufficient Condition for Arc-pancyclicity of Tournaments, Scientia Sinica (Chinese Edition)8 (1981) 915–919 and (English Edition)A25(3) (1982) 249–254. (with Wu Zheng Sheng and Zou Yuan) MR# 83m:05070
3. On the Existence of a Class of Tournaments with Completely Strong Path-connectivity, Nanjing Daxue Xuebao 3 (1981) 303–307. (with Wu Zheng Sheng and Zou Yuan) MR# 83j:05036
4. k -arc-cyclicity of T_{ss} Graph, Nanjing Shiyuan Xuebao 1 (1981) 1–3. (with Wu Zheng Sheng and Zou Yuan)
5. Completely Strong Path-connected Tournaments, J. Combin Theory B 33(2) (1982) 166–177. MR# 84e:05057
6. A Necessary and Sufficient Condition for Strong Connected k -partite Tournaments, Nanjing Shiyuan Xuebao 3 (1982) 39–42. (with Wu Zheng Sheng)
7. A Kind of Counterexamples on Arc-pancyclic Tournaments, Acta Mathematicae Applicatae Sinica 6(1) (1983) 47–49. (with Wu Zheng Sheng and Zou Yuan) MR# 85f:05068
8. A Necessary and Sufficient Condition for Completely Strong Path-connectivity of Tournaments, Chinese Annals Mathematics A4 (1983) 385–392. (with Wu Zheng Sheng) MR# 84m:05033
9. Vertex Even-pancyclicity in Bipartite Tournaments, J. of Nanjing University, Mathematical Biquarterly 1(1) (1984) 85–88. MR# 86e:05049

10. Longest Paths and Cycles in Bipartite Oriented Graphs, *J. of Graph Theory* 11(3) (1987) 339–348. MR# 88i:05119
11. On Lewin and Vitek’s Conjecture about Exponent Set of Primitive Matrices, *Linear Algebra and its Applications* 96 (1987) 101–108. MR# 88j:15019
12. On the Set of the Index of Maximum Density of Tournaments, *J. of Nanjing University, Mathematical Biquarterly* 4(2) (1987) 117–122. (with Wang Hong De and Hong Ji Zhi) MR# 89g:05077
13. On the Power Sequence of Boolean Matrices—A Survey, *The Second International Conference on Combinatorial Mathematics and Computing*, Canberra, Australia (1987).
14. A Note of Upper Bound about the Index of Maximum Density of Nonnegative Matrices, *Xinjiang Daxue Xuebao* 5(1) (1988) 44–46. MR# 90f:15025
15. Complementary Cycles Containing a Pair of Fixed Vertices in Bipartite Tournaments, *Applied Mathematics—A Journal of Chinese Universities* 3(3) (1988) 401–407. (with Song Zeng Min)
16. *The Problems and Solutions in Graph Theory with Applications*, Qing Hua University Press (1988). (with Lin Guo Ning and Zhang Zhong Fu)
17. The Exponent Set of Symmetric Primitive $(0, 1)$ -matrices with Zero Trace, *Linear Algebra and its Applications* 133 (1990) 121–131. (with Bolian Liu, McKay B.D. and Wormald N.C.) MR# 91h:15018
18. On Vertex-pancyclic Graphs with the Distance Two Condition, *J. of Nanjing University, Mathematical Biquarterly* 7(2) (1990) 157–162. (with Song Zeng Min) MR# 91m:05123
19. On Hamiltonian Bipartite Tournaments, *ibid.* 8(1) (1991) 6–10. (with Song Zeng Min and Wang Jian Zhong) MR# 92k:05088
20. A Property of Total Colouring of Graphs, *ibid.* 8(2) (1991) 99–102. (with Zhang Zhong Fu and Li Xiao Dong) MR# 92j:05082
21. A New Assignment Model and Its Algorithm, *Ars Combinatoria* 31 (1991) 217–221. (with Song Zeng Min) MR# 92m:05153
22. Cycles in Digraphs—A Survey, *J. of Nanjing University, (Special Issue about Graph Theory)* 27 (1991) 188–215. (with Song Zeng Min) MR# 93g:05064
23. The Value of the Ramsey Number $R(3, 8)$, *J. Graph Theory* 16(1) (1992) 99–105. (with McKay B.D.) MR# 92m:05138

24. A Note on the Size Ramsey Number for Stars, *J. Combinatorial Mathematics and Combinatorial Computing* 11 (1992) 209–212. MR# 93a:05096
25. The Exponent Set of Undirected Graph with the Minimum Odd Cycle Length r , *J. of Nanjing University, Mathematical Biquarterly* 9(1) (1992) 29–36. (with Miao Zheng Ke) MR# 94a:05120
26. A Sufficient Condition for a Graph to Be Hamiltonian, *ibid.*9(2) (1992) 163–167. (with Song Zeng Min) MR# 94a:05140
27. An Application of Assignment Model in Public Transits, *Proceedings of ORSC'92* (1992) 711–712. (with Sun Zhi Yong)
28. Complementary Cycles Containing a Fixed Arc and a Fixed Vertex in Bipartite Tournaments, *Ars Combinatoria* 35 (1993) 265–269. (with Wang Jian Zhong) MR# 93m:05113
29. On Edge-pancyclic Graphs, *Soochow J. of Mathematics* 19(1) (1993) 37–41. (with D.A. Holton) MR# 93j:05097
30. On Generalized Vertex-pancyclic Graphs, *Chinese J. of Mathematics* 21(1) (1993) 91–98. (with D.A. Holton and Sheng Bau) MR# 94a:05123
31. On Hamiltonian Bipartite Tournaments, *J. of Mathematics* 13(3) (1993) 351–356. (with Li Gui Rong, Wang Jian Zhong and Song Zeng Min) MR# 96b:05067
32. A Note of Grunbaum Conjecture, *J. of Gezhouba Institute of Hydro-electric Engineering* 2 (1993) 90–92. (with Li Guang Chun)
33. On Two Conjectures of Connectivity about Locally Semicomplete Digraphs, *J. of Nanjing University, Mathematical Biquarterly* 10(2) (1993) 146–152. (with Bu Yue Hua) MR# 96a:05094
34. The Uniqueness of $(4, 5)$ -cage, *ibid.* 11(1) (1994) 70–72. (with Li Guang Chun and Yao Tian Xing) MR# 95i:05098
35. The Characterization of Symmetric Primitive Matrices with the Second Maximum Exponent, *ibid.* 11(2) (1994) 193–197. (with Wang Jian Zhong, Wei Fu Yi and Pan Jin Xiao) MR# :1340595
36. A Degree Characterisation of Pancyclicity, *Discrete Mathematics* 127 (1994) 23–29. (with R.E.L. Aldred and D.A. Holton) MR# 95c:05071
37. Neighbourhood Unions and Hamiltonian Properties, *Discrete Mathematics* 133 (1994) 319–324. (with Song Zeng Min) MR# 95h:05104
38. Complementary Cycles Containing a Fixed Arc in the Bipartite Tournaments, *Discrete Mathematics* 133 (1994) 325–328. (with Y. Manoussakis and Song Zeng Min) MR# 95h:05083

39. The Exponent Set of Primitive $(0, 1)$ -matrices with Zero Trace, Xuzhou Shiyuan Xuebao 12(2) (1994) 4–7. (with Miao Zheng Ke)
40. On Antidirected Cycles and Paths in Bipartite Tournaments, Applied Mathematics—A J. of Chinese Universities A10(2) (1995) 203–208. (with Wang Jian Zhong and Li Gui Rong) MR# 96d:05054
41. The Characterization of Symmetric Primitive Matrices with Exponent $2n - 2r$ ($\geq n$), Linear and Multilinear Algebra 39 (1995) 391–396. (with Cai Jun Liang) MR# 97b:05097
42. Some Tree-stars Ramsey Numbers, Proceedings of the Second Asian Mathematical Conference 95 (1995) 287–291. (with Zhang Shu Sheng) MR# 99g:05135
43. A New Idea for Hamiltonian Problem, Ars Combinatoria 43 (1996) 97–105. (with Song Zhen Min) MR# 97e:05137
44. A Note on 4-regular 4-chromatic Graphs with Grith 4, Graph Theory Notes of New York XXX (1996) 35–36. (with Song Wen Jie, Wang Jian Zhong and Yao Tian Xing) MR# 99h:05044
45. A New Sufficient Condition for D -circuits, J. of Nanjing University, Mathematical Biquarterly 13(1) (1996) 38–43. (with Ye Miaolin) MR# 97f:05108
46. Some Localizations of Conditions for Long Cycle in Graphs, *ibid.*14(1) (1997) 10–14. (with Ye Miaolin) MR# 98h:05122
47. A Sufficient Condition for 2-connected Hamilton Graphs, *ibid.* 14(2) (1997) 171–179. (with Pan Lin Qiang) MR# 99c:05127
48. The Upper Bounds of the Generalized Maximum Density Index of Irreducible Boolean Matrices, Linear Algebra and Its Applications 256 (1997) 75–93. (with Chen Xi) MR# 98g:15030
49. On the Exponent Set of Primitive Locally Semicomplete Digraphs, Applied Mathematics—A J. of Chinese Universities B12(3) (1997) 267–286 and J. of Nanjing University (Natural Science Edition) 31(3) (1995) 506–507. (with Bu Yue Hua) MR# 99a:05060
50. The Total Chromatic Number of Psedo-outerplane Graphs, Applied Mathamatics—A J. of Chinese Universities B12(4) (1997)455–462. (with Wang Weifan) MR# 98m:05074
51. On the Arc-pancyclicity of Local Tournaments, Ars Combinatoria 47 (1997)242–254. (with Bu Yue Hua) MR# 98h:05116

52. A Proof of Melnikov's Conjecture for Case $\Delta=4$, Chinese Science Bulletin (Chinese Edition) 3 (1998) 330–331 and (English Edition) 43(4) (1998) 352. (with Wang Weifan)
53. Some Local Conditions for Hamilton-connected Graphs, Soochow J. of Mathematics 24(3) (1998) 177–182. (with Pan Lin Qiang) MR# 99f:05074
54. New Upper Bounds for Ramsey Numbers, European J. of Combinatorics 19 (1998) 391–394. (with Huang Yi Ru) MR# 99b:05100
55. A New Upper Bound Formula for Two Color Classical Ramsey Numbers, J. of Combinatorial Mathematics and Combinatorial Computing 28 (1998) 347–350. (with Huang Yi Ru) MR# 99j:05143
56. A Neighbourhood Union Condition for Vertex-pancyclicity, Applied Mathematics—A J. of Chinese Universities A13(1) (1998) 79–86. (with Ye Miaolin) MR# 99g:05117
57. Two Order Exponent Set of Strong Connected Digraphs, J. of Nanjing University, Mathematical Biquarterly 15(1) (1998) 9–14. (with Miao Zheng Ke) MR# 99f:05076
58. A Note on Cycles in Regular Multipartite Tournaments, *ibid.* 15(1) (1998) 73–75. (with Zhou Guofei and Yao Tian Xing) MR# 99f:05050
59. On the Unique Coupled Coloring of Plane Graphs, *ibid.* 15(2)(1998) 163–167. (with Wang Weifan) MR# 00c:05071
60. On the Critical Domination Number, Mathematica Applicata 11(3) (1998) 95–97. (with Ye Miaolin) MR# 99m:05081
61. Edge-face Chromatic Number of Plane Graphs with High Maximum Degrees, Australasian J. of Combinatorics 18(1998) 235–244. (with Wang Weifan) MR# 99j:05076
62. A Sufficient Condition for a Semicomplete Multipartite Digraph to Be Hamiltonian, *ibid.* 19 (1999) 231–234. (with Zhou Guofei) MR# 00b:05092
63. The List Chromatic Numbers of Some Planar Graphs, Applied Mathematics—A J. of Chinese Universities B14(1) (1999) 108–116. (with Lu Enyue) MR# 00a:05084
64. Completely Strong Path-connectivity of Local Tournaments, Ars Combinatoria 51(1999) 249–268. (with Bu Yue Hua) MR# 00a:05131
65. Δ -Matching and Edge-face Chromatic Numbers, Acta Mathematicae Applicatae Sinica 22(2) (1999) 236–242. (with Wang Weifan) MR# 00h:05179
66. γ -paths of Arcs in Regular Multipartite Tournaments, Bulletin of the Korean Mathematical Society 36(2)(1999) 389–394. (with Yao Tian Xing and Guo Yubao) MR# 00i:05086

67. The Local Exponent Sets of Primitive Digraphs Without Loop, J. of Nanjing University, Mathematical Biquarterly 16(1) (1999) 13–17. (with Miao Zhengke) MR# 00e:05081
68. A Note on Arc Pancyclicity of Regular Ordinary Multipartite Tournaments *ibid.* 16(1) (1999) 62–64. (with Pan Linqiang and Zhou Guofei) MR# 00e:05100
69. Hamiltonian Multipartite Tournaments, OR Transactions 3(3) (1999) 22–24. (with Zhou Guo Fei)
70. A Note on Hypertournaments, Chinese Science Bulletin (English Edition) 44(16) (1999) 1460–1462. (with Pan Linqiang and Zhou Guofei) MR# 00h:05100
71. The Value of the Ramsey Number $R(C_n, K_4)$ Is $3(n-1)+1$ ($n \geq 4$), The Australasian J. of Combinatorics 20(1999) 205–206. (with Yang Jian Sheng and Huang Yi Ru) MR# :1723874
72. Edge-face Coloring of 1-outerplane Graphs, Mathematica Applicata 12(4) (1999) 78–81. (with Wang Weifan) MR# 01b:05097
73. Pancyclic Out-arcs of a Vertex in Tournaments, Discrete Applied Mathematics 99(2000) 245–249. (with Yao Tian Xing and Guo Yubao) MR# 00m:05112
74. A New Property of Binary Undirected de Bruijn Graphs, Chinese Annals of Mathematics B21(1) (2000) 39–42. (Xu Junming and Lu Changhong) MR# 01c:05087
75. A Sufficient Condition for Oriented Graphs to Be Hamiltonian, Ars Combinatoria 55 (2000) 283–287. (with Pan Lin Qiang) MR# 00m:05149
76. Equitable Coloring of Line Graphs and Complete r -partite Graphs, Systems Science and Mathematics Science 13(2) (2000) 190–194. (with Wang Weifan) MR# 01g:05055
77. Colorings of Hypergraphs, Advance in Mathematics 29(2) (2000) 115–136. (with Wang Weifan) MR# 01f:05069
78. The Second Exponent Set of Primitive Digraphs, Chinese Annals of Mathematics B21(2) (2000) 233–236. (with Miao Zhengke) MR# 01b:05106.
79. The Local Exponents of Primitive Digraphs, Linear Algebra and Its Applications 307 (2000) 15–33 and 320 (2000) 209–216. (with Miao Zhengke) MR# 01c:05064, MR# 01k:05090
80. New Results of $B(27)$ And $B(52)$, J. of Nanjing University, Mathematical Biquarterly, 17(1) (2000) 9–14. (with Zhou Jainguo) MR# :1771151
81. On Critical Ramsey Decompositions, *ibid.*, 17(1) (2000) 64–67. (with Shi Ling Sheng) MR# 01b:05153

82. A Local Intersection Condition for n -extendable Graphs, *ibid* 17(2) (2000) 157–161. (with Pan Lin Qiang and Chen Xu Jin) MR# 01m:05213
83. On a Conjecture Involving Cycle-complete Graph Ramsey Numbers, *Australasian Journal of Combinatorics* 22 (2000) 63–71. (with Bela Bollobas, Chula Jayawardene, Jiansheng Yang, Huang Yi Ru, Cecil Rousseau) MR# 01h:05069
84. Localization Theorem on Hamiltonian Graphs, *Acta Mathematica Scientia* 20(1) (2000) 76–78. (with Pan Lin Qiang and Zhou Guofei) MR# 01b:05136
85. On Score Sequence of k -hypertournaments, *European J. of Combinatorics* 21(8) (2000) 993–1000. (with Zhou Guofei and Yao Tian Xing) MR# 01k:05153
86. The Minimum Norm of Solutions of a Boolean Matrix Equation $A^k = J$, *Graph Theory Notes of New York XXXVIII* (2000) 7–11. (with Miao Zhengke) MR# 00k:15035
87. The Broadcast Function Value $B(23)$ is 33 or 34, *Acta Mathematicae Applicatae Sinica* 16(3) (2000) 329–331. (with Lu Chang Hong) MR# :1779027
88. On $(d, 2)$ -dominating Number of Binary Undirected de Bruijn Graphs, *Discrete Applied Mathematics* 105 (2000) 137–145. (with Lu Chang Hong and Xu Junming) MR# 01g:05076
89. The Minimal Solutions of Boolean Matrix Equation $A^k = J$, *Northeastern Mathematical Journal*, 16(2) (2000) 155–159. (with Miao Zhengke) MR# 01m:15038
90. On the Ramsey number $R(C_n \text{ or } K_n - 1, K_m)$ ($n = 3, 4$), *Australasian J. of Combinatorics* 22 (2000) 307–311. (with Yang Jian Sheng and Huang Yi Ru) MR# 01f:05099
91. Ramsey Theory, *Mathematical Dissemination Quarterly* 24(4) (2000) 35–44.
92. Outpaths of Arcs in Multipartite Tournaments, *Acta Mathematicae Applicatae Sinica* 17(3) (2001) 361–365. (with Zhou Guofei) MR# 02j:05078
93. A Note on List Improper Coloring Planar Graphs, *Applied Mathematics Letters* 14(3) (2001) 269–273. (with Ko-wei Lih, Song Zeng Min and Wang Wei Fan) MR# 05k:05075
94. A Minimum Broadcast Graphs on 26 Vertices, *Applied Mathematics Letters* 14(8) (2001) 1023–1026. (with Zhou Jianguo) MR# 02f:05098
95. $R(C_6, K_5) = 21$ and $R(C_7, K_5) = 25$, *European J. of Combinatorics* 22(4) (2001) 561–567. (with Yang Jian Sheng and Huang Yi Ru) MR# 02a:05182
96. The Generalized Maximum Density Index Sets of Primitive Matrices with d Nonzero Diagonal Entries, *Acta Mathematicae Sinica* 44(1) (2001) 15–20. (with Miao Zhengke and Pan Lin Qiang) MR# 01m:15043

97. A Bound for Multicolor Ramsey Numbers, *Discrete Mathematics* 226 (2001) 419–421. (with Shi Ling Sheng) MR# 01i:05108
98. On Score Sequence of k -hypertournaments, *Chinese Annals of Mathematics* A22(1) (2001) 115–120 or *Chinese Journal of Contemporary Mathematics* 22(1) (2001) 95–102. (with Zhou Guofei) MR# 02b:05070
99. $(d, 2n)$ -dominating Number of the Toroidal Mesh $C(d_1, d_2, \dots, d_n)$ with Diameter d , *Chinese Annals of Mathematics* 22(4) A (2001) 517–524 or *Chinese Journal of Contemporary Mathematics* 22(3) (2001) 299–306. (with Lu Chang Hong) MR# 02d:05093
100. Vertex Pancyclic Multipartite Tournaments, *Journal of Nanjing University* 37(4) (2001) 477–485. (with Zhou Guo Fei and Xue Guohe) MR# 02i:05058
101. A Seven Color Theorem on the Edge-face Coloring of Plane Graphs, *Acta Mathematicae Applicatae Sinica* 21(2) (2001) 243–248. (with Wang Wei Fan) MR# 02b:05064
102. An Ore-type Condition for Cyclability, *European J. of Combinatorics* 22 (2001) 953–960. (with Chen Yaojun and Zhang Yunqing) MR# 02g:05116
103. Edge-pancyclicity of Coupled Graph, *Discrete Applied Mathematics* 119 (2002) 259–264. (with Ko-wei Lih, Song Zeng Min and Wang Wei Fan) MR# :03d:05117
104. Cycles Containing a Given Arc in Regular Multipartite Tournaments, *Acta Mathematicae Applicatae Sinica* 18(4) (2002) 681–684. (with Zhou Guo Fei) MR# 04h:05060
105. Vertex Pancyclicity in Almost Regular Multipartite Tournaments, *Chinese Annals of Mathematics* A23(5) (2002) 585–596 or *Chinese Journal of Contemporary Mathematics* 23(4) (2002) (with Pan Lin Qiang) MR# 03k:05061
106. On Container Length And Wide-diameter in Unidirectional Hypercubes, *Taiwanese J. of Mathematics* 6(1)(2002) 75–87. (with Lu Chang Hong) MR# 03a:68108
107. A Note on Reducible Cycle in Multipartite Tournaments, *Taiwanese J. of Mathematics* 6(2)(2002) 235–239. (with Pan Ling-Qiang Miao Zheng-Ke) MR# 03b:05077
108. (d, m) -dominating Numbers of Hypercubes, *Applied Mathematics—A J. of Chinese Universities* B17(1) (2002) 105–108. (with Lu Chang Hong) MR# 03a:05113
109. (1)Hypergraphs (A chinese translation of C Berge’s book), (2)The Solutions of Exercise in Hypergraphs, The Southeast University Press (2002) (with Bu Yue Hua)

110. Super Connectivity and Restricted Connectivity of Undirected de Bruijn Graphs, *Acta Mathematicae Applicatae Sinica* 25(1) (2002) 29–35. (with Lu Chang Hong) MR# 03g:05083
111. On tournaments with Small Order And Their Applications, *Journal of Systems Science and Complexity* 16(4) (2003) 475–482. (with Zhou Guo Fei) MR# :2013900
112. Is $\gamma_a \leq \delta$ Graphs Which Have Diameter Two? *Journal of Systems Science and Complexity* 16 (2003) 195–198. (with Chen Yaojun and Zhang Yunqing) MR# 04c:05136
113. c -Pancyclic Partial Ordering and $(c - 1)$ -Pan-Outpaths Partial Ordering in Semi-complete Multipartite Digraphs, *Acta Mathematicae Sinica* 19(4) (2003) 829–832. (with Pan Lin Qiang) MR# 04i:05065
114. Upper Bounds for Ramsey Numbers $R(m, n, l)$ And $R(m, n, l, s)$ with Parameter, *Journal of Shanghai University* 7(1)(2003) 46–48. (with Huang Yi Ru and Yue Hong) MR# :1964492
115. The Ramsey Numbers of Stars Versus Wheels, *European J. of Combinatorics* 25(7) (2004) 1067–1075. (with Chen Yaojun and Zhang Yunqing) MR# 05e:05094
116. On Cycles Containing a Given Arc in Regular Multipartite Tournaments, *Acta Mathematicae Sinica* 22(2) (2004) 379–394. (with Pan Lin Qiang) MR# :05a:05105
117. The Ramsey Numbers $R(T_n, W_6)$ for $\Delta(T_n) \geq n - 3$, *Applied Mathematics Letters* 17 (2004) 281–285. (with Chen Yaojun and Zhang Yunqing) MR# :2044037
118. The Ramsey numbers for $R(T_n, W_6)$ for T_n without certain deletable sets, *Journal of Systems Science and Complexity*, 18(1) (2005) 95–101. (with Chen Yaojun and Zhang Yunqing) MR# :2123040
119. The Ramsey Numbers of Paths Versus Wheels, *Discrete Mathematics* 290(2005) 85–87. (with Chen Yaojun and Zhang Yunqing) MR# 05h:05134
120. The Ramsey Numbers $R(T_n, W_6)$ for Small n , *Utilitas Mathematica* 67(2005) 269–284. (with Chen Yaojun and Zhang Yunqing) MR# 05k:05159
121. Entire chromatic number and Δ -matching of outerplane graphs, *Acta Mathematica Scientia* 25B(4)(2005) 672–680. (with Wang Weifan) MR# 07b:05084
122. The Ramsey Number for Stars and Stripes, *Acta Mathematica Scientia* 25A (2005)1067–1072. (with Zhang Shu Sheng) MR# 06m:05163
123. The Ramsey numbers of trees versus W_6 or W_7 , *European J. of Combinatorics* 27 (2006)558–564 (with Chen Yaojun and Zhang Yunqing) MR# 06m:05162

124. A Note on Ramsey Numbers with Two Parameters, *European J. of Combinatorics* 27(2006) 574–576. (with Huang Yi Ru and Yang Jian Sheng) MR# 06j:05136
125. New Upper Bound Formulas with Parameters for Ramsey Numbers, *Discrete Mathematics* 307(6) (2006) 760–763. (with Huang Yiru, Wang Yuandi, Sheng Wancheng, Yang Jiansheng, Huang Jian) MR# 07h:05106
126. Progress of Some Problems in Graph Theory, *J.of Mathematical Research and Exposition* 27(3)(2007) 563–576. MR# :2349503
127. The Ramsey Number for stars of even order versus a wheel of order nine, *European J. of Combinatorics* (2008) *European Journal of Combinatorics*, 29(2008), 1744–1754. (with Zhang Yunqing and Chen Yaojun MR# 09e:05024
128. The Ramsey Number $R(C_8, K_8)$, *Discrete Mathematics* 309(2009),1084–1090. (with Zhang Yunqing) MR# 10g:05246

VI. Awards:

(1) “A Necessary and Sufficient Condition for Arc-pancyclicity of Tournaments” was obtained the Third Award for Progress of Science & Technology of Jiangsu Province in 1981.

(2) “The Index Set of Nonnegative Matrices” was obtained the Third Award for Progress of Science & Technology of the State Education Commission of China in 1990.

(3) “Cycles and the Hamiltonian Problem in Graphs” was obtained the Third Award for Progress of Science & Technology of State Education Commission of China in 1994.

(4) “Some Problems in Ramsey Theory” was obtained the Second Award for Nomination of National Award of Science & Technology of Ministry of Education, Award of Natural Science of China in 2003.

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