References

The references are ordered alphabetically by the last name of the first author, and where multiple papers have the same first author they are ordered by the last name of the second author, etc. We preferred that all work by the same author be in consecutive positions. Unfortunately, this causes that some of the abbreviations are not in alphabetical order. For example, [BaRT] is earlier on the list than [BalLS]. We also wish to explain a possible confusion with respect to the order of parts and spelling of Chinese names. We put them without any abbreviations, often with the last name written first as is customary in original. Sometimes this is different from the citations in other sources. One can obtain all variations of writing any specific name by consulting the authors database of *Mathematical Reviews* at http://www.ams.org/mathscinet/search, or *zbMATH* (formerly *Zentralblatt für Mathematik*) at http://www.zbmath.org/authors.

Papers containing results obtained with the help of computer algorithms have been marked with stars. We identify two such categories of papers: those marked with * involving some use of computers where the results are easily verifiable with some computations, and those marked with ** where cpu intensive algorithms have to be implemented to replicate or verify the results. The first category contains mostly constructions done by algorithms, while the second mostly nonexistence results or claims of complete enumerations of special classes of graphs.

A

[Abb1] H.L. Abbott, Some Problems in Combinatorial Analysis, *Ph.D. thesis,* Department of Mathematical and Statistical Sciences, University of Alberta, Edmonton, 1965.

[Abb2] H.L. Abbott, A Theorem Concerning Higher Ramsey Numbers, in *Infinite and Finite Sets,* (A. Hajnal, R. Rado and V.T. Sós eds.) Vol. 1, 25-28, Colloq. Math. Soc. János Bolyai, Vol. 10, North-Holland, Amsterdam, 1975.

[AbbH] H.L. Abbott and D. Hanson, A Problem of Schur and Its Generalizations, *Acta Arithmetica,* **20** (1972) 175-187.

[AbbL] H.L. Abbott and Andy Liu, Remarks on a Paper of Hirschfeld Concerning Ramsey Numbers, *Discrete Mathematics,* **39** (1982) 327-328.

[AbbS] H.L. Abbott and M.J. Smuga-Otto, Lower Bounds for Hypergraph Ramsey Numbers, *Discrete Applied Mathematics,* **61** (1995) 177-180.

[AbbW] H.L. Abbott and E.R. Williams, Lower Bounds for Some Ramsey Numbers, *Journal of Combinatorial Theory,* Series A, **16** (1974) 12-17.

[-] Adiwijaya, see [SuAM, SuAAM].

[AbdMT] Kh.Kh. Abdullin, D.B. Mokeev and D.S. Taletskii, On the Ramsey Number $R(K_{1,s}, P_t)$ (in Russian), *Matematicheskie Zametki,* **119**(1) (2026) 3-8.

[AgCP+]* R. Ageron, P. Casteras, T. Pellerin, Y. Portella, A. Rimmel and J. Tomasik, New Lower Bounds for Schur and Weak Schur Numbers, *preprint,* http://arxiv.org/abs/2112.03175 (2022).

[AjKS] M. Ajtai, J. Komlós and E. Szemerédi, A Note on Ramsey Numbers, *Journal of Combinatorial Theory,* Series A, **29** (1980) 354-360.

[AjKSS] M. Ajtai, J. Komlós, M. Simonovits and E. Szemerédi, Erdős-Sós Conjecture, *in preparation* (2013).

[AhS] I. Ahme and A. Scott, Graphs with Arbitrary Ramsey Number and Connectivity, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P4.76, **31**(4) (2024), 7 pages.

[AleALZ] B. Alecu, A. Atminas, V. Lozin and V. Zamaraev, Graph Classes with Linear Ramsey Numbers, *Discrete Mathematics,* **344** (2021) 112307, 14 pages.

[AliBB] K. Ali, A.Q. Baig and E.T. Baskoro, On the Ramsey Number for a Linear Forest Versus a Cocktail Party Graph, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **71** (2009) 173-177.

[AliBas] K. Ali and E.T. Baskoro, On the Ramsey Numbers for a Combination of Paths and Jahangirs, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **65** (2008) 113-119.

[AliBT1] K. Ali, E.T. Baskoro and I. Tomescu, On the Ramsey Numbers for Paths and Generalized Jahangir Graphs $J_{s,m}$, *Bull. Math. Soc. Sci. Math. R. S. Roumanie (N.S.),* **51(99)** (2008) 177-182.

[AliBT2] K. Ali, E.T. Baskoro and I. Tomescu, On the Ramsey Number for Paths and Beaded Wheels, *Journal of Prime Research in Mathematics,* **5** (2009) 133-138.

[AliSur] K. Ali and Surahmat, A Cycle or Jahangir Ramsey Unsaturated Graphs, *Journal of Prime Research in Mathematics,* **2** (2006) 187-193.

[AliTJ] K. Ali, I. Tomescu and I. Javaid, On Path-Sunflower Ramsey Numbers, *Mathematical Reports,* Bucharest, **17** (2015) 385-390.

[AllBP] P. Allen, S. Boyadzhiyska and M. Pavez-Signé, Ramsey Numbers for 1-Degenerate 3-Graphs, *preprint,* http://arxiv.org/abs/2507.23623 (2025).

[AllBS] P. Allen, G. Brightwell and J. Skokan, Ramsey-Goodness - and Otherwise, *Combinatorica,* **33** (2013) 125-160.

[AllŁPZ] P. Allen, T. Łuczak, J. Polcyn and Yanbo Zhang, The Ramsey Number of a Long Even Cycle Versus a Star, *Journal of Combinatorial Theory,* Series B, **162** (2023) 144-153.

[AllMRS] P. Allen, D. Mergoni Cecchelli, B. Roberts and J. Skokan, The Ramsey Numbers of Squares of Paths and Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P2.11, **31**(2) (2024), 7 pages.

[AlmBCL] J. Alm, P. Bahls, K. Coffey and C. Langhoff, Generalizing p-Goodness to Ordered Graphs, *preprint,* http://arxiv.org/abs/1412.3071 (2020).

[AlmHS] J.F. Alm, N. Hommowun and A. Schneider, Mixed, Multi-color, and Bipartite Ramsey Numbers Involving Trees of Small Diameter, *preprint,* http://arxiv.org/abs/1403.0273 (2014).

[Alon1] N. Alon, Subdivided Graphs Have Linear Ramsey Numbers, *Journal of Graph Theory,* **18** (1994) 343-347.

[Alon2] N. Alon, Explicit Ramsey Graphs and Orthonormal Labelings, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R12, **1** (1994), 8 pages.

[AlBK] N. Alon, S. Ben-Shimon and M. Krivelevich, A Note on Regular Ramsey Graphs, *Journal of Graph Theory,* **64** (2010) 244-249.

[AlKS] N. Alon, M. Krivelevich and B. Sudakov, Turán Numbers of Bipartite Graphs and Related Ramsey-Type Questions, *Combinatorics, Probability and Computing,* **12** (2003) 477-494.

[AlPu] N. Alon and P. Pudlák, Constructive Lower Bounds for Off-Diagonal Ramsey Numbers, *Israel Journal of Mathematics,* **122** (2001) 243-251.

[AlRö] N. Alon and V. Rödl, Sharp Bounds for Some Multicolor Ramsey Numbers, *Combinatorica,* **25** (2005) 125-141.

[AlRóS] N. Alon, L. Rónyai and T. Szabó, Norm-Graphs: Variations and Applications, *Journal of Combinatorial Theory,* Series B, **76** (1999) 280-290.

[-] A.A. Al-Rhayyel, see [BanAA].

[-] A. Alrifai, see [BanAA].

[Alw] R. Alweiss, Ramsey Numbers of Odd Cycles Versus Larger Even Wheels, *Discrete Mathematics,* **341** (2018) 981-989.

[-] B.M.N. Alzaleq, see [BatJA, JaAl].

[Ana1]* C.S. Anabanti, A Counterexample on a Group Partitioning Problem, *Birkbeck Mathematics Preprint Series,* #37, Birkbeck University of London, (2017), 7 pages.

[Ana2]* C.S. Anabanti, The Ramsey Number $R_4(3)$ Is Not Solvable by Group Partition Means, *Quasigroups and Related Systems,* **31** (2023) 165-174.

[Ang1]** V. Angeltveit, $R(3, 10) \leq 41$, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P4.30, **32**(4) (2025), 11 pages.

[Ang2]** V. Angeltveit, An Exact Value for the Ramsey Number $R(K_5, K_5 - e)$, *preprint,* http://arxiv.org/abs/2602.11459 (2026).

[AnM1]** V. Angeltveit and B.D. McKay, $R(5, 5) \leq 48$, *Journal of Graph Theory,* **89** (2018) 5-13.

[AnM2]** V. Angeltveit and B.D. McKay, *personal communication* (2020).

[AnM3]** V. Angeltveit and B.D. McKay, *personal communication* (2024).

[AnM4]** V. Angeltveit and B.D. McKay, $R(5, 5) \leq 46$, *Journal of Graph Theory,* **11x** (2026) 1-11.

[ArKM] J. Arste, K. Klamroth and I. Mengersen, Three Color Ramsey Numbers for Small Graphs, *Utilitas Mathematica,* **49** (1996) 85-96.

[-] H. Assiyatun, see [HaABS, HaBA1, HaBA2, BaHA, SuAAM, SuAUB, SuBAU1, SuBAU2, SuBAU3, SuBAU4].

[AtLZ] A. Atminas, V. Lozin and V. Zamaraev, Linear Ramsey Numbers, *Proceedings of IWOCA 2018,* Singapore, LNCS 10979, Springer, (2018) 26-38.

[-] A. Atminas, see also [AleALZ].

[AttLM] Yamaan Attwa, Albert López Vidal and Patrick Morris, A Note on Multicolour Ramsey Numbers and Random Sphere Graphs, *preprint,* http://arxiv.org/abs/2602.02155 (2026).

[AxCJMR] M. Axenovich, W. Cames van Batenburg, O. Janzer, L. Michel and M. Rundström, An Improved Upper Bound for the Multicolour Ramsey Number of Odd Cycles, *preprint,* http://arxiv.org/abs/2510.17981 (2025).

[AxFM] M. Axenovich, Z. Füredi and D. Mubayi, On Generalized Ramsey Theory: the Bipartite Case, *Journal of Combinatorial Theory,* Series B, **79** (2000) 66-86.

[AxGy] M. Axenovich and A. Gyárfás, A Note on Ramsey Numbers for Berge-G Hypergraphs, *Discrete Mathematics,* **342** (2019) 1245-1252.

[AxGLM] M. Axenovich, A. Gyárfás, Hong Liu and D. Mubayi, Multicolor Ramsey Numbers for Triple Systems, *Discrete Mathematics,* **322** (2014) 69-77.

Ba - Bi

[BaRT]* A. Babak, S.P. Radziszowski and Kung-Kuen Tse, Computation of the Ramsey Number $R(B_3, K_5)$, *Bulletin of the Institute of Combinatorics and its Applications,* **41** (2004) 71-76.

[Back1] J. Backelin, Contributions to a Ramsey Calculus, *manuscript* 2000-2012.

[Back2] J. Backelin, *personal communication* (2013).

[Back3]* J. Backelin, Edge number report 1: state of the art estimates for $n \leq 43$, *preprint,* http://arxiv.org/abs/1410.1843 (2014).

[Back4] J. Backelin, *personal communication* (2017).

[BahS] P. Bahls and T.S. Spencer, On the Ramsey Numbers of Trees with Small Diameter, *Graphs and Combinatorics,* **29** (2013) 39-44.

[-] P. Bahls, see also [AlmBCL].

[Bai] Bai Lufeng, Multi-color Ramsey Numbers for Trees Versus Complete Graphs (in Chinese), *Mathematics in Practice and Theory,* **43** (2013) 252-254.

[BaiLi] Bai Lufeng and Li Yusheng, Algebraic Constructions and Applications in Ramsey Theory, *Advances in Mathematics, China,* **35** (2006) 167-170.

[BaLX] Bai Lufeng, Li Yusheng and Xu Zhiqiang, Algebraic Constructions and Applications in Ramsey Theory, *Journal of Mathematical Study (China),* **37** (2004) 245-249.

[-] Bai Lufeng, see also [SonBL].

[-] A.Q. Baig, see [AliBB].

[BalDO] Deepak Bal, Louis DeBiasio and Ella Oren-Dahan, On the Multicolor Ramsey Numbers of Balanced Double Stars, *Discrete Mathematics,* **349** (2026) 114748, 11 pages.

[BaLL+]* V. Balaji, P. Lamb, A. Lott, D. Patel, A. Rice, S. Singh and C.R. Ward, The Pigeonhole Principle and Multicolor Ramsey Numbers, *Involve: A Journal of Mathematics,* **15**(5) (2022) 857-884.

[BalB+] P. Balister, B. Bollobás, M. Campos, S. Griffiths, E. Hurley, R. Morris, J. Sahasrabudhe and M. Tiba, Upper Bounds for Multicolour Ramsey Numbers, *preprint,* http://arxiv.org/abs/2410.17197 (2025).

[BalLS] P.N. Balister, J. Lehel and R.H. Schelp, Ramsey Unsaturated and Saturated Graphs, *Journal of Graph Theory,* **51** (2006) 22-32.

[BalSS] P.N. Balister, R.H. Schelp and M. Simonovits, A Note on Ramsey Size-Linear Graphs, *Journal of Graph Theory,* **39** (2002) 1-5.

[BalPS] I. Balla, A. Pokrovskiy and B. Sudakov, Ramsey Goodness of Bounded Degree Trees, *Combinatorics, Probability and Computing,* **27**(3) (2018) 289-309.

[BalCSW] J. Balogh, F.C. Clemen, J. Skokan and A.Z. Wagner, The Ramsey Number of Fano Plane Versus Tight Path, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P1.60, **27**(1) (2020), 16 pages.

[Ban1] A. Baniabedalruhman, The Theta-Complete Graph Ramsey Number $R(\theta_n, K_7)$; $n=7$; $n \geq 14$, *Jordan Journal of Mathematics and Statistics,* **14**(3) (2021) 517-526.

[Ban2] A. Baniabedalruhman, The Cycle-Complete Graph Ramsey Numbers $R(C_n, K_8)$ for $10 \leq n \leq 15$, *Jordan Journal of Mathematics and Statistics,* **16**(4) (2023) 703-718.

[BanAA] A. Baniabedalruhman, A. Alrifai and A.A. Al-Rhayyel, The Cycle-Complete Graph Ramsey Numbers $R(C_7, K_9)$ and $R(C_8, K_9)$, *Italian Journal of Pure and Applied Mathematics,* **48** (2022) 325-335.

[BanJBJ] A. Baniabedalruhman, M.M.M. Jaradat, M.S. Bataineh and A.M.M. Jaradat, On the Ramsey Number for Theta Graphs Versus the Complete Graph of order Six, *Journal of Mathematics,* (2024), article ID 2416730, 6 pages.

[-] A. Baniabedalruhman, see also [JaBa, JaBBJ].

[-] Qiquan Bao, see [ShaXB, ShaXBP].

[BarRSW] B. Barak, A. Rao, R. Shaltiel and A. Wigderson, 2-Source Dispersers for $n^{o(1)}$ Entropy, and Ramsey Graphs Beating the Frankl-Wilson Construction, *Annals of Mathematics* (2), **176** (2012) 1483-1544.

[BaLiu] *Hungarian Problem Book IV,* translated and edited by Robert Barrington Leigh and Andy Liu, The Mathematical Association of America, 2011.

[Bas] E.T. Baskoro, The Ramsey Number of Paths and Small Wheels, *Majalah Ilmiah Himpunan Matematika Indonesia,* MIHMI, **8** (2002) 13-16.

[BaHA] E.T. Baskoro, Hasmawati and H. Assiyatun, The Ramsey Numbers for Disjoint Unions of Trees, *Discrete Mathematics,* **306** (2006) 3297-3301.

[BaSu] E.T. Baskoro and Surahmat, The Ramsey Number of Paths with respect to Wheels, *Discrete Mathematics,* **294** (2005) 275-277.

[BaSNM] E.T. Baskoro, Surahmat, S.M. Nababan and M. Miller, On Ramsey Graph Numbers for Trees Versus Wheels of Five or Six Vertices, *Graphs and Combinatorics,* **18** (2002) 717-721.

[-] E.T. Baskoro, see also [AliBB, AliBas, AliBT1, AliBT2, HafBa, HaABS, HaBA1, HaBA2, NoBa, SherBSO, SherSBO, SuAUB, SuBa1, SuBa2, SuBAU1, SuBAU2, SuBAU3, SuBAU4, SuBB1, SuBB2, SuBB3, SuBB4, SuBT1, SuBT2, SuBTB, SuBUB].

[BatJA] M.S.A. Bataineh, M.M.M. Jaradat and L.M.N. Al-Zaleq, The Cycle-Complete Graph Ramsey Number $r(C_9, K_8)$, *International Scholarly Research Network - Algebra,* Article ID 926191, (2011), 10 pages.

[-] M.S.A. Bataineh, see also [BanJBJ, JaBBJ, JaBVR].

[BeHHRS] R. Belmonte, P. Heggernes, P. van 't Hof, A. Rafiey and R. Saei, Graph Classes and Ramsey Numbers, *Discrete Applied Mathematics,* **173** (2014) 16-27.

[BeHHS] R. Belmonte, P. Heggernes, P. van 't Hof and R. Saei, Ramsey Numbers for Line Graphs and Perfect Graphs, *Proceedings of COCOON 2012,* Sydney, Australia, LNCS 7434, Springer, (2012) 204-215.

[BenSk] F.S. Benevides and J. Skokan, The 3-Colored Ramsey Number of Even Cycles, *Journal of Combinatorial Theory,* Series B, **99** (2009) 690-708.

[-] S. Ben-Shimon, see [AlBK].

[-] S. Bereg, see [LowKKB].

[Bev] D. Bevan, *personal communication* (2002).

[BePi] A. Beveridge and O. Pikhurko, On the Connectivity of Extremal Ramsey Graphs, *Australasian Journal of Combinatorics,* **41** (2008) 57-61.

[BiaS] A. Bialostocki and J. Schönheim, On Some Turán and Ramsey Numbers for C_4, in *Graph Theory and Combinatorics* (ed. B. Bollobás), Academic Press, London, (1984) 29-33.

[Biel1] H. Bielak, Ramsey and 2-local Ramsey Numbers for Disjoint Unions of Cycles, *Discrete Mathematics,* **307** (2007) 319-330.

[Biel2] H. Bielak, Ramsey Numbers for a Disjoint Union of Some Graphs, *Applied Mathematics Letters,* **22** (2009) 475-477.

[Biel3] H. Bielak, Multicolor Ramsey Numbers for Some Paths and Cycles, *Discussiones Mathematicae Graph Theory,* **29** (2009) 209-218.

[Biel4] H. Bielak, Ramsey Numbers for a Disjoint Union of Good Graphs, *Discrete Mathematics,* **310** (2010) 1501-1505.

[BieDa] H. Bielak and K. Dabrowska, The Ramsey Numbers for Some Subgraphs of Generalized Wheels Versus Cycles and Paths, *Annales Universitatis Mariae Curie-Skłodowska Lublin-Polonia,* Sectio A, **LXIX** (2015) 1-7.

[-] H. Bielak, see also [LiBie, LiZBBH].

[Bier] J. Bierbrauer, Ramsey Numbers for the Path with Three Edges, *European Journal of Combinatorics,* **7** (1986) 205-206.

[BierB] J. Bierbrauer and A. Brandis, On Generalized Ramsey Numbers for Trees, *Combinatorica,* **5** (1985) 95-107.

[BiFJ] C. Biró, Z. Füredi and S. Jahanbekam, Large Chromatic Number and Ramsey Graphs, *Graphs and Combinatorics,* **29** (2013) 1183-1191.

[Bish] A. Bishnoi, Finite geometry paves the way for breakthroughs in Ramsey theory, *Nieuw Archief voor Wiskunde,* NAW 5/24 (2023) 201-203.

Bl - Br

[BlLR]* K. Black, D. Leven and S.P. Radziszowski, New Bounds on Some Ramsey Numbers, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **78** (2011) 213-222.

[BlLi] T. Bloom and A. Liebenau, Ramsey Equivalence of K_n and $K_n + K_{n-1}$, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.4, **25**(3) (2018), 17 pages.

[Boh] T. Bohman, The Triangle-Free Process, *Advances in Mathematics,* **221** (2009) 1653-1677.

[BohK1] T. Bohman and P. Keevash, The Early Evolution of the H-Free Process, *Inventiones Mathematicae,* **181** (2010) 291-336.

[BohK2] T. Bohman and P. Keevash, Dynamic Concentration of the Triangle-Free Process, *Seventh European Conference on Combinatorics, Graph Theory and Applications,* 489-495, CRM Series, 16, Pisa, 2013.

[BohK3] T. Bohman and P. Keevash, Dynamic Concentration of the Triangle-Free Process, *preprint,* http://arxiv.org/abs/1302.5963 (2013), 52 pages. Revised version (2019), 75 pages. *Random Structures and Algorithms,* **58**(2) (2021) 221-293.

[BohP] Tom Bohman and Fei Peng, A Construction for Boolean Cube Ramsey Numbers, *Order,* **40** (2023) 327-333.

[BohZ] Tom Bohman and Emily Zhu, On Multicolor Ramsey Numbers of Triple System Paths of Length 3, *SIAM Journal on Discrete Mathematics,* **37**(3) (2023) 1419-1435.

[BolJY+] B. Bollobás, C.J. Jayawardene, Yang Jian Sheng, Huang Yi Ru, C.C. Rousseau and Zhang Ke Min, On a Conjecture Involving Cycle-Complete Graph Ramsey Numbers, *Australasian Journal of Combinatorics,* **22** (2000) 63-71.

[BolM] B. Bollobás and R. Morris, *Basic Graph Theory,* chapter 4: *Ramsey Theory,* 132-173, Cambridge University Press, 2026.

[-] B. Bollobás, see also [BalB+, JRB].

[BoH] R. Bolze and H. Harborth, The Ramsey Number $r(K_4 - x, K_5)$, in *The Theory and Applications of Graphs,* (Kalamazoo, MI, 1980), John Wiley & Sons, New York, (1981) 109-116.

[BoEr] J.A. Bondy and P. Erdős, Ramsey Numbers for Cycles in Graphs, *Journal of Combinatorial Theory,* Series B, **14** (1973) 46-54.

[BotMdS] F. Botler, L. Moreira and J.P. de Souza, Ramsey Goodness of Paths Versus Unbalanced Graphs, *Discrete Mathematics,* **349** (2026) 114831, 6 pages.

[BoLo] Simona Boyadzhiyska and Allan Lo, Ramsey Goodness of k-Uniform Paths, or the Lack Thereof, *European Journal of Combinatorics,* **129** (2025) 104021, 24 pages.

[-] Simona Boyadzhiyska, see also [AllBP].

[Boza1] L. Boza, Nuevas Cotas Superiores de Algunos Números de Ramsey del Tipo $r(K_m, K_n - e)$, in proceedings of the *VII Jornada de Matemática Discreta y Algoritmica,* JMDA 2010, Castro Urdiales, Spain, July 2010.

[Boza2] L. Boza, The Ramsey Number $r(K_5 - P_3, K_5)$, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P90, **18**(1) (2011), 10 pages.

[Boza3]* L. Boza, Upper Bounds for Some Ramsey Numbers of $K_n - e$ Versus K_m, *manuscript* (2012).

[Boza4]* L. Boza, Números de Ramsey de Algunos Grafos de 4 Vértices y Todods los Grafos de 7 Vértices, in proceedings of the *VIII Jornada de Matemática Discreta y Algoritmica,* JMDA 2012, Almeria, Spain, July 2012.

[Boza5]* L. Boza, University of Seville, *personal communication* (2013).

[Boza6]* L. Boza, Sobre el Número de Ramsey $R(K_4, K_6 - e)$, *VIII Encuentro Andaluz de Matemática Discreta,* Sevilla, Spain, October 2013.

[Boza7]* L. Boza, Sobre los Números de Ramsey $R(K_5 - e, K_5)$ y $R(K_6 - e, K_4)$, *IX Jornada de Matemática Discreta y Algoritmica,* JMDA 2014, Tarragona, Spain, July 2014.

[Boza8]* L. Boza, Exact Values and Bounds for Ramsey Numbers of C_4 Versus a Star Graph, *preprint,* http://arxiv.org/abs/2409.12770 (2024).

[Boza9] L. Boza, New Upper Bounds for the Classical Ramsey Numbers $R(4,4,4)$, $R(3,4,5)$ and $R(3,3,6)$, *preprint,* http://arxiv.org/abs/2603.10851 (2026).

[BoCGR] L. Boza, M. Cera, P. Garcia-Vázquez and M.P. Revuelta, On the Ramsey Numbers for Stars Versus Complete Graphs, *European Journal of Combinatorics,* **31** (2010) 1680-1688.

[BoDD]* L. Boza, J. Dybizbański and T. Dzido, Three Color Ramsey Numbers for Graphs With at Most 4 Vertices, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P47, **19**(4) (2012), 16 pages.

[BoPo]* L. Boza and J.R. Portillo, Sobre el Número de Ramsey $R(K_4-e, K_7)$, in proceedings of the *VIII Jornada de Matemática Discreta y Algoritmica,* JMDA 2012, Almeria, Spain, July 2012.

[BoRa] L. Boza and S. Radziszowski, Some Upper Bounds on Ramsey Numbers Involving C_4, *Discussiones Mathematicae Graph Theory,* **45** (2025) 845-856.

[BraFS1] D. Bradač, J. Fox and B. Sudakov, The Growth Rate of Multicolor Ramsey Numbers of 3-Graphs, *Research in the Mathematical Sciences,* (2024), 11:52, 16 pages.

[BraFS2] D. Bradač, J. Fox and B. Sudakov, Ramsey Numbers of Hypergraphs with a Given Size, *Mathematical Proceedings of the Cambridge Philosophical Society,* **178** (2025) 31-44.

[BraGS] D. Bradač, L. Gishboliner and B. Sudakov, On Ramsey Size-Linear Graphs and Related Questions, *SIAM Journal on Discrete Mathematics,* **38**(1) (2024) 10.1137/22M1481713.

[BraHS] D. Bradač, Z. Hunter and B. Sudakov, Lower Bounds for Ramsey Numbers of Bounded Degree Hypergraphs, *preprint,* http://arxiv.org/abs/2502.20863 (2025).

[-] A. Brandis, see [BierB].

[Bra1] S. Brandt, Subtrees and Subforests in Graphs, *Journal of Combinatorial Theory,* Series B, **61** (1994) 63-70.

[Bra2] S. Brandt, Sufficient Conditions for Graphs to Contain All Subgraphs of a Given Type, *Ph.D. thesis,* Freie Universität Berlin, 1994.

[Bra3] S. Brandt, Expanding Graphs and Ramsey Numbers, *preprint No. A 96-24,* ftp://ftp.math.fu-berlin.de/pub/math/publ/pre/1996 (1996).

[BrBH1]** S. Brandt, G. Brinkmann and T. Harmuth, All Ramsey Numbers $r(K_3, G)$ for Connected Graphs of Order 9, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R7, **5** (1998), 20 pages.

[BrBH2]** S. Brandt, G. Brinkmann and T. Harmuth, The Generation of Maximal Triangle-Free Graphs, *Graphs and Combinatorics,* **16** (2000) 149-157.

[Bren1] M. Brennan, Ramsey Numbers of Trees Versus Odd Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.2, **23**(3) (2016), 12 pages.

[Bren2] M. Brennan, Ramsey Numbers of Trees and Unicyclic Graphs Versus Fans, *Discrete Mathematics,* **340** (2017) 969-983.

[-] C. Bright, see [DuLBG].

[-] G. Brightwell, see [AllBS].

[Brin]** G. Brinkmann, All Ramsey Numbers $r(K_3, G)$ for Connected Graphs of Order 7 and 8, *Combinatorics, Probability and Computing,* **7** (1998) 129-140.

[BrCGM]* G. Brinkmann, K. Coolsaet, J. Goedgebeur and H. Mélot, House of Graphs: A database of interesting graphs, *Discrete Applied Mathematics,* **161** (2013) 311-314.

[BrGS]** G. Brinkmann, J. Goedgebeur and J.C. Schlage-Puchta, Ramsey Numbers $R(K_3, G)$ for Graphs of Order 10, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P36, **19**(4) (2012), 23 pages.

[-] G. Brinkmann, see also [BrBH1, BrBH2].

[-] T. Britz, see [ChngBTW].

[-] H.J. Broersma, see [LiZBBH, LiZB, SaBr1, SaBr2, SaBr3, SaBr4, SuBB1, SuBB2, SuBB3, SuBB4, SuBTB, SuBUB, ZhaBC1, ZhaBC2, ZhaBC3, ZhaBC4, ZhaBC5, ZhaBC6].

[BroNN] S. Brooks, T. Nguyen and E. Nystrom, The Ramsey Number and Saturation of the Tristar, *manuscript* (2016).

[Brou] A.E. Brouwer, *Parameters of Strongly Regular Graphs,* status of feasible parameters up to 1300 vertices and of several SRG family parameters, https://www.win.tue.nl/~aeb/graphs/srg/srgtab.html.

[-] Chad E. Brown, see [GauB].

[BrBH] M. Bruce, M. Budden and J. Hiller, Lexicographic Products of r-Uniform Hypergraphs and Some Applications to Hypergraph Ramsey Theory, *Australasian Journal of Combinatorics,* **70** (2018) 390-401.

Bu

[BucSu] M. Bucić and B. Sudakov, Tight Ramsey Bounds for Multiple Copies of a Graph, *Advances in Combinatorics,* https://doi.org/10.19086/aic.2023.1 (2023):1, 22 pages.

[BudCli] M. Budden and J. Clifton, Hypergraph Ramsey Numbers Involving Trees, Stars, and Complete Hypergraphs, *Integers,* http://math.colgate.edu/~integers, **22** (2022) #A92, 14 pages.

[BudHLS] M. Budden, J. Hiller, J. Lambert and C. Sanford, The Lifting of Graphs to 3-Uniform Hypergraphs and Some Applications to Hypergraph Ramsey Theory, *Involve: A Journal of Mathematics,* **10** (2017) 65-76.

[BudHMP] M. Budden, J. Hiller, T. Meek and A. Penland, Algebraic Properties of a Hypergraph Lifting Map, *Integers,* http://math.colgate.edu/~integers, **21** (2021) #A77, 12 pages.

[BudHP] M. Budden, J. Hiller and A. Penland, Constructive Methods in Gallai-Ramsey Theory for Hypergraphs, *Integers,* http://math.colgate.edu/~integers, **20A** (2020) #A4, 14 pages.

[BudHR1] M. Budden, J. Hiller and A. Rapp, Generalized Ramsey Theorems for r-Uniform Hypergraphs, *Australasian Journal of Combinatorics,* **63** (2015) 142-152.

[BudHR2] M. Budden, J. Hiller and A. Rapp, Hypergraph Ramsey Numbers Involving Paths, *Acta Universitatis Apulensis,* **48** (2016) 75-87.

[BudPe] M. Budden and A. Penland, Trees and n-Good Hypergraphs, *Australasian Journal of Combinatorics,* **72**(2) (2018) 329-349. Corrigendum in **75**(1) (2019) 171-173.

[BudPra] M. Budden and R. Prange, Ramsey Theory for a Generalized Fan Versus Triangles, *Utilitas Mathematica,* **123** (2025) 165-178.

[BudPri] M. Budden and H. Privette, Multicolor Ramsey Theory for a Fan Versus Complete Graphs, *Discrete Mathematics Letters,* **13** (2024) 143-149.

[-] M. Budden, see also [BrBH].

[BurR]* J.P. Burling and S.W. Reyner, Some Lower Bounds of the Ramsey Numbers $n(k, k)$, *Journal of Combinatorial Theory,* Series B, **13** (1972) 168-169.

[Bu0] S.A. Burr, Generalized Ramsey Theory for Graphs - a Survey, in *Graphs and Combinatorics* (R. Bari and F. Harary eds.), Springer LNM **406**, Berlin, (1974) 52-75.

[Bu1] S.A. Burr, A Survey of Noncomplete Ramsey Theory for Graphs, *Annals of the New York Academy of Sciences,* **328**(1) (1979) 58-75.

[Bu2] S.A. Burr, Ramsey Numbers Involving Graphs with Long Suspended Paths, *Journal of the London Mathematical Society* (2), **24** (1981) 405-413.

[Bu3] S.A. Burr, Multicolor Ramsey Numbers Involving Graphs with Long Suspended Path, *Discrete Mathematics,* **40** (1982) 11-20.

[Bu4] S.A. Burr, Diagonal Ramsey Numbers for Small Graphs, *Journal of Graph Theory,* **7** (1983) 57-69.

[Bu5] S.A. Burr, Ramsey Numbers Involving Powers of Sparse Graphs, *Ars Combinatoria,* **15** (1983) 163-168.

[Bu6] S.A. Burr, Determining Generalized Ramsey Numbers is NP-Hard, *Ars Combinatoria,* **17** (1984) 21-25.

[Bu7] S.A. Burr, What Can We Hope to Accomplish in Generalized Ramsey Theory?, *Discrete Mathematics,* **67** (1987) 215-225.

[Bu8] S.A. Burr, On the Ramsey Numbers $r(G, nH)$ and $r(nG, nH)$ When n Is Large, *Discrete Mathematics,* **65** (1987) 215-229.

[Bu9] S.A. Burr, On Ramsey Numbers for Large Disjoint Unions of Graphs, *Discrete Mathematics,* **70** (1988) 277-293.

[Bu10] S.A. Burr, On the Computational Complexity of Ramsey-type Problems, Mathematics of Ramsey Theory, *Algorithms and Combinatorics,* **5**, Springer, Berlin, 1990, 46-52.

[BuE1] S.A. Burr and P. Erdős, On the Magnitude of Generalized Ramsey Numbers for Graphs, in *Infinite and Finite Sets,* (A. Hajnal, R. Rado and V.T. Sós eds., Keszthely 1973) Vol. 1, 215-240, Colloq. Math. Soc. János Bolyai, Vol. 10, North-Holland, Amsterdam, 1975.

[BuE2] S.A. Burr and P. Erdős, Extremal Ramsey Theory for Graphs, *Utilitas Mathematica,* **9** (1976) 247-258.

[BuE3] S.A. Burr and P. Erdős, Generalizations of a Ramsey-Theoretic Result of Chvátal, *Journal of Graph Theory,* **7** (1983) 39-51.

[BEFRS1] S.A. Burr, P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, An Extremal Problem in Generalized Ramsey Theory, *Ars Combinatoria,* **10** (1980) 193-203.

[BEFRS2] S.A. Burr, P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Ramsey Numbers for the Pair Sparse Graph-Path or Cycle, *Transactions of the American Mathematical Society,* **269** (1982) 501-512.

[BEFRS3] S.A. Burr, P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, The Ramsey Number for the Pair Complete Bipartite Graph-Graph of Limited Degree, in *Graph Theory with Applications to Algorithms and Computer Science,* (Y. Alavi et al. eds.), John Wiley & Sons, New York, (1985) 163-174.

[BEFRS4] S.A. Burr, P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Some Complete Bipartite Graph-Tree Ramsey Numbers, *Annals of Discrete Mathematics,* **41** (1989) 79-89.

[BEFRSGJ] S.A. Burr, P. Erdős, R.J. Faudree, C.C. Rousseau, R.H. Schelp, R.J. Gould and M.S. Jacobson, Goodness of Trees for Generalized Books, *Graphs and Combinatorics,* **3** (1987) 1-6.

[BEFS] S.A. Burr, P. Erdős, R.J. Faudree and R.H. Schelp, On the Difference between Consecutive Ramsey Numbers, *Utilitas Mathematica,* **35** (1989) 115-118.

[BES] S.A. Burr, P. Erdős and J.H. Spencer, Ramsey Theorems for Multiple Copies of Graphs, *Transactions of the American Mathematical Society,* **209** (1975) 87-99.

[BuF] S.A. Burr and R.J. Faudree, On Graphs G for Which All Large Trees Are G-good, *Graphs and Combinatorics,* **9** (1993) 305-313.

[BFRS] S.A. Burr, R.J. Faudree, C.C. Rousseau and R.H. Schelp, On Ramsey Numbers Involving Starlike Multipartite Graphs, *Journal of Graph Theory,* **7** (1983) 395-409.

[BuG] S.A. Burr and J.W. Grossman, Ramsey Numbers of Graphs with Long Tails, *Discrete Mathematics,* **41** (1982) 223-227.

[BuRo1] S.A. Burr and J.A. Roberts, On Ramsey Numbers for Stars, *Utilitas Mathematica,* **4** (1973) 217-220.

[BuRo2] S.A. Burr and J.A. Roberts, On Ramsey Numbers for Linear Forests, *Discrete Mathematics,* **8** (1974) 245-250.

[BuRo3] S.A. Burr and V. Rosta, On the Ramsey Multiplicities of Graphs - Problems and Recent Results, *Journal of Graph Theory,* **4** (1980) 347-361.

[Bush] L.E. Bush, The William Lowell Putnam Mathematical Competition (question #2 in Part I asks for the proof of $R(3,3) \leq 6$), *American Mathematical Monthly,* **60** (1953) 539-542.

[-] S. Butler, see [GrBu].

Ca - Ch

[-] J.W. Cain, see [LinCa].

[CaET]* N.J. Calkin, P. Erdős and C.A. Tovey, New Ramsey Bounds from Cyclic Graphs of Prime Order, *SIAM Journal on Discrete Mathematics,* **10** (1997) 381-387.

[CalSR]* J.A. Calvert, M.J. Schuster and S.P. Radziszowski, Computing the Ramsey Number $R(K_5-P_3, K_5)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **82** (2012) 131-140.

[CamFMPP] S. Cambie, A. Freschi, P. Morawski, K. Petrova and A. Pokrovskiy, Ramsey Number of a Cycle Versus a Graph of a Given Size, *preprint,* http://arxiv.org/abs/2601.10238 (2026).

[-] Wouter Cames van Batenburg, see [AxCJMR].

[CamGMS] M. Campos, S. Griffiths, R. Morris and J. Sahasrabudhe, An Exponential Improvement for Diagonal Ramsey, *preprint,* http://arxiv.org/abs/2303.09521 (2023), 57 pages. To appear in *Annals of Mathematics,* Princeton University.

[CamJMPS] M. Campos, M. Jenssen, M. Michelen, F. Pfender and J. Sahasrabudhe, A Polynomial Improvement for the Odd Cycle-Complete Ramsey Numbers, *preprint,* http://arxiv.org/abs/2511.10641 (2025).

[CamJMS] M. Campos, M. Jenssen, M. Michelen and J. Sahasrabudhe, A New Lower Bound for the Ramsey Numbers $R(3, k)$, *preprint,* http://arxiv.org/abs/2505.13371 (2025), 52 pages.

[CamP] M. Campos and C. Pohoata, An Update on Multicolor Ramsey Lower Bounds, *preprint,* http://arxiv.org/abs/2601.15183 (2026), 9 pages.

[-] M. Campos, see also [BalB+].

[Car] D. Cariolaro, On the Ramsey Number $R(3, 6)$, *Australasian Journal of Combinatorics,* **37** (2007) 301-304.

[Caro] Y. Caro, Zero-Sum Problems - A Survey, *Discrete Mathematics,* **152** (1996) 93-113.

[CaLRZ] Y. Caro, Li Yusheng, C.C. Rousseau and Zhang Yuming, Asymptotic Bounds for Some Bipartite Graph - Complete Graph Ramsey Numbers, *Discrete Mathematics,* **220** (2000) 51-56.

[CaYZ] Y. Caro, R. Yuster and C. Zarb, Ramsey Numbers for Degree Monotone Paths, *Discrete Mathematics,* **340** (2017) 124-131.

[-] M. Cera, see [BoCGR].

[-] P. Casteras, see [AgCP+].

[ChaMR] J. Chappelon, L.P. Montejano and J.L. Ramirez Alfonsin, On Ramsey Numbers of Complete Graphs with Dropped Stars, *Discrete Applied Mathematics,* **210** (2016) 200-206.

[-] J. Chappelon, see also [MonCR].

[ChaGP] G. Chartrand, R.J. Gould and A.D. Polimeni, On Ramsey Numbers of Forests Versus Nearly Complete Graphs, *Journal of Graph Theory,* **4** (1980) 233-239.

[ChaRSPS] G. Chartrand, C.C. Rousseau, M.J. Stewart, A.D. Polimeni and J. Sheehan, On Star-Book Ramsey Numbers, in *Proceedings of the Fourth International Conference on the Theory and Applications of Graphs,* (Kalamazoo, MI 1980), John Wiley & Sons, (1981) 203-214.

[ChaS] G. Chartrand and S. Schuster, On the Existence of Specified Cycles in Complementary Graphs, *Bulletin of the American Mathematical Society,* **77** (1971) 995-998.

[ChaZ] Gary Chartrand and Ping Zhang, New Directions in Ramsey Theory, *Discrete Mathematics Letters,* **6** (2021) 84-96.

[-] Gang Chen, see [LiuCh].

[Chen] Chen Guantao, A Result on C_4-Star Ramsey Numbers, *Discrete Mathematics,* **163** (1997) 243-246.

[ChenS] Chen Guantao and R.H. Schelp, Graphs with Linearly Bounded Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **57** (1993) 138-149.

[ChenYZ] Guantao Chen, Xiaowei Yu and Yi Zhao, Improved Bounds on the Ramsey Number of Fans, *European Journal of Combinatorics,* **96** (2021) 103347, 7 pages.

[-] Chen Hong, see also [LiaWXCS, XWCS].

[ChenJ] Chen Jie, The Lower Bound of Some Ramsey Numbers (in Chinese), *Journal of Liaoning Normal University, Natural Science,* **25** (2002) 244-246.

[-] Kun Chen, see [ZhaCZ].

[-] Ming Chen, see [PeiCLY].

[-] Pingge Chen, see [CheLC].

[-] Weiji Chen, see [LinCh].

[ChenL] Xun Chen and Qizhong Lin, New Upper Bounds for Ramsey Numbers of Books, *European Journal of Combinatorics,* **115** (2024) 103785, 9 pages.

[ChenLY] Xun Chen, Qizhong Lin and Chunlin You, Ramsey Numbers of Large Books, *Journal of Graph Theory,* **101** (2022) 124-133.

[-] Xun Chen, see also [YouLC].

[ChenCMN] Yaojun Chen, T.C. Edwin Cheng, Zhengke Miao and C.T. Ng, The Ramsey Numbers for Cycles Versus Wheels of Odd Order, *Applied Mathematics Letters,* **22** (2009) 1875-1876.

[ChenCNZ] Yaojun Chen, T.C. Edwin Cheng, C.T. Ng and Yunqing Zhang, A Theorem on Cycle-Wheel Ramsey Number, *Discrete Mathematics,* **312** (2012) 1059-1061.

[ChenCX] Yaojun Chen, T.C. Edwin Cheng and Ran Xu, The Ramsey Number for a Cycle of Length Six Versus a Clique of Order Eight, *Discrete Applied Mathematics,* **157** (2009) 8-12.

[ChenCZ1] Yaojun Chen, T.C. Edwin Cheng and Yunqing Zhang, The Ramsey Numbers $R(C_m, K_7)$ and $R(C_7, K_8)$, *European Journal of Combinatorics,* **29** (2008) 1337-1352.

[ChenZZ1] Chen Yaojun, Zhang Yunqing and Zhang Ke Min, The Ramsey Numbers of Paths Versus Wheels, *Discrete Mathematics,* **290** (2005) 85-87.

[ChenZZ2] Chen Yaojun, Zhang Yunqing and Zhang Ke Min, The Ramsey Numbers of Stars Versus Wheels, *European Journal of Combinatorics,* **25** (2004) 1067-1075.

[ChenZZ3] Chen Yaojun, Zhang Yunqing and Zhang Ke Min, The Ramsey Numbers $R(T_n, W_6)$ for $\Delta(T_n) \geq n-3$, *Applied Mathematics Letters,* **17** (2004) 281-285.

[ChenZZ4] Chen Yaojun, Zhang Yunqing and Zhang Ke Min, The Ramsey Numbers of Trees Versus W_6 or W_7, *European Journal of Combinatorics,* **27** (2006) 558-564.

[ChenZZ5] Chen Yaojun, Zhang Yunqing and Zhang Ke Min, The Ramsey Numbers $R(T_n, W_6)$ for Small n, *Utilitas Mathematica,* **67** (2005) 269-284.

[ChenZZ6] Chen Yaojun, Zhang Yunqing and Zhang Ke Min, The Ramsey Numbers $R(T_n, W_6)$ for T_n without Certain Deletable Sets, *Journal of Systems Science and Complexity,* **18** (2005) 95-101.

[ChenZZ7] Chen Yaojun, Zhang Xuemei and Zhang Yanbo, Star-Quadrilateral Ramsey Number and Beyond, *Advances in Mathematics, China,* **54**(2) (2025) 292-314.

[-] Chen Yaojun, see also [CheCZN, HuCh, HuZC1, HuZC2, HuZC3, WaCh1, WaCh2, ZhCh, ZhZC, ZhaBC1, ZhaBC2, ZhaBC3, ZhaBC4, ZhaBC5, ZhaBC6, ZhaCC1, ZhaCC2, ZhaCC3, ZhaCC4, ZhaCC5, ZhaCC6, ZhaCh1, ZhaCh3, ZhaCh4, ZhaCh5, ZhaCC7, ZhaCZ1, ZhaCZ2, ZhaZC, ZhaChZ1, ZhaChZ2].

[-] Chen Zhi, see [XuXC].

[Cheng] Cheng Ying, On Graphs Which Do Not Contain Certain Trees, *Ars Combinatoria,* **19** (1985) 119-151.

[CheCZN] T.C. Edwin Cheng, Yaojun Chen, Yunqing Zhang and C.T. Ng, The Ramsey Numbers for a Cycle of Length Six or Seven Versus a Clique of Order Seven, *Discrete Mathematics,* **307** (2007) 1047-1053.

[-] T.C. Edwin Cheng, see also [ChenCMN, ChenCNZ, ChenCX, ChenCZ1, ZhaCC1, ZhaCC2, ZhaCC3, ZhaCC4, ZhaCC5, ZhaCC6, ZhaCC7].

[CheLC] Zhiyu Cheng, Zhidan Luo and Pingge Chen, All Ramsey Critical Graphs for a Large Tree Versus tK_m, *preprint,* http://arxiv.org/abs/2506.18235 (2025).

[ChngBTW] Zhi Yee Chng, Thomas Britz, Ta Sheng Tan and Kok Bin Wong, The Ramsey Numbers for Trees of Large Maximum Degree Versus the Wheel Graph W_8, *Bulletin of the Malaysian Mathematical Sciences Society,* **47** (2024) 134, 44 pages.

[ChngTW] Zhi Yee Chng, Ta Sheng Tan and Kok Bin Wong, On the Ramsey Numbers for the Tree Graphs Versus Certain Generalised Wheel Graphs, *Discrete Mathematics,* **344** (2021) 112440, 12 pages.

[Chu1] F.R.K. Chung, On the Ramsey Numbers $N(3, 3, ..., 3; 2)$, *Discrete Mathematics,* **5** (1973) 317-321.

[Chu2] F.R.K. Chung, On Triangular and Cyclic Ramsey Numbers with k Colors, in *Graphs and Combinatorics* (R. Bari and F. Harary eds.), Springer LNM **406**, Berlin, (1974) 236-241.

[Chu3] F.R.K. Chung, A Note on Constructive Methods for Ramsey Numbers, *Journal of Graph Theory,* **5** (1981) 109-113.

[Chu4] F.R.K. Chung, Open problems of Paul Erdős in Graph Theory, *Journal of Graph Theory,* **25** (1997) 3-36.

[Chu5] Fan Chung, Numbers in Ramsey Theory, *Journal of Open Mathematical Problems,* **1**(1) (2025) 1-15.

[ChCD] F.R.K. Chung, R. Cleve and P. Dagum, A Note on Constructive Lower Bounds for the Ramsey Numbers $R(3, t)$, *Journal of Combinatorial Theory,* Series B, **57** (1993) 150-155.

[ChGra1] F.R.K. Chung and R.L. Graham, On Multicolor Ramsey Numbers for Complete Bipartite Graphs, *Journal of Combinatorial Theory,* Series B, **18** (1975) 164-169.

[ChGra2] F.R.K. Chung and R.L. Graham, *Erdős on Graphs, His Legacy of Unsolved Problems,* A K Peters, Wellesley, Massachusetts (1998).

[ChGri] F.R.K. Chung and C.M. Grinstead, A Survey of Bounds for Classical Ramsey Numbers, *Journal of Graph Theory,* **7** (1983) 25-37.

[ChuLin] Fan Chung and Qizhong Lin, Fan-Complete Ramsey Numbers, *Advances in Applied Mathematics,* **171** (2025) 102939, 19 pages.

[-] F.R.K. Chung, see also [UCSD].

[Chv1] V. Chvátal, Tree-Complete Graph Ramsey Numbers, *Journal of Graph Theory,* **1** (1977) 93.

[Chv2] V. Chvátal, *The Discrete Mathematical Charms of Paul Erdős: A Simple Introduction,* Cambridge University Press, first edition, 2021.

[ChH1] V. Chvátal and F. Harary, Generalized Ramsey Theory for Graphs, II. Small Diagonal Numbers, *Proceedings of the American Mathematical Society,* **32** (1972) 389-394.

[ChH2] V. Chvátal and F. Harary, Generalized Ramsey Theory for Graphs, III. Small Off-Diagonal Numbers, *Pacific Journal of Mathematics,* **41** (1972) 335-345.

[ChH3] V. Chvátal and F. Harary, Generalized Ramsey Theory for Graphs, I. Diagonal Numbers, *Periodica Mathematica Hungarica,* **3** (1973) 115-124.

[ChRST] V. Chvátal, V. Rödl, E. Szemerédi and W.T. Trotter Jr., The Ramsey Number of a Graph with Bounded Maximum Degree, *Journal of Combinatorial Theory,* Series B, **34** (1983) 239-243.

[ChvS] V. Chvátal and A. Schwenk, On the Ramsey Number of the Five-Spoked Wheel, in *Graphs and Combinatorics* (R. Bari and F. Harary eds.), Springer LNM **406**, Berlin, (1974) 247-261.

Cl - Cs

[Clan] M. Clancy, Some Small Ramsey Numbers, *Journal of Graph Theory,* **1** (1977) 89-91.

[Clap] C. Clapham, The Ramsey Number $r(C_4, C_4, C_4)$, *Periodica Mathematica Hungarica,* **18** (1987) 317-318.

[ClEHMS] C. Clapham, G. Exoo, H. Harborth, I. Mengersen and J. Sheehan, The Ramsey Number of $K_5 - e$, *Journal of Graph Theory,* **13** (1989) 7-15.

[Clark] L. Clark, On Cycle-Star Graph Ramsey Numbers, *Congressus Numerantium,* **50** (1985) 187-192.

[-] L. Clark, see also [RanMCG].

[-] F.C. Clemen, see [BalCSW].

[CleDa] R. Cleve and P. Dagum, A Constructive $\Omega(t^{1.26})$ Lower Bound for the Ramsey Number $R(3,t)$, *International Computer Science Institute,* TR-89-009, Berkeley, CA, 1989.

[-] R. Cleve, see also [ChCD].

[-] J. Clifton, see [BudCli].

[Coc] E.J. Cockayne, Some Tree-Star Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **17** (1974) 183-187.

[CocL1] E.J. Cockayne and P.J. Lorimer, The Ramsey Number for Stripes, *Journal of the Australian Mathematical Society,* Series A, **19** (1975) 252-256.

[CocL2] E.J. Cockayne and P.J. Lorimer, On Ramsey Graph Numbers for Stars and Stripes, *Canadian Mathematical Bulletin,* **18** (1975) 31-34.

[CoPR] B. Codenotti, P. Pudlák and G. Resta, Some Structural Properties of Low-Rank Matrices Related to Computational Complexity, *Theoretical Computer Science,* **235** (2000) 89-107.

[CodFIM]* M. Codish, M. Frank, A. Itzhakov and A. Miller, Computing the Ramsey Number $R(4,3,3)$ Using Abstraction and Symmetry Breaking, *Constraints,* **21** (2016) 375-393.

[-] K. Coffey, see [AlmBCL].

[Coh] G. Cohen, Two-Source Dispersers for Polylogarithmic Entropy and Improved Ramsey Graphs, in *Proceedings of the 48-th Annual ACM Symposium on Theory of Computing,* STOC'16, Cambridge MA, 278-284. Extended version on arXiv, http://arxiv.org/abs/1506.04428 (2015). *SIAM Journal on Computing,* **50**(3) (2021) 10.1137/16M1096219.

[ColGJ] C. Collier-Cartaino, N. Graber and Tao Jiang, Linear Turán Numbers of Linear Cycles and Cycle-Complete Ramsey Numbers, *Combinatorics, Probability and Computing,* **27**(3) (2018) 358-386.

[CoPC] Special issue on Ramsey theory of *Combinatorics, Probability and Computing,* **12** (2003), Numbers 5 and 6.

[Con1] D. Conlon, A New Upper Bound for Diagonal Ramsey Numbers, *Annals of Mathematics,* **170** (2009) 941-960.

[Con2] D. Conlon, Hypergraph Packing and Sparse Bipartite Ramsey Numbers, *Combinatorics, Probability and Computing,* **18** (2009) 913-923.

[Con3] D. Conlon, The Ramsey Number of Dense Graphs, *Bulletin of the London Mathematical Society,* **45** (2013) 483-496.

[Con4] D. Conlon, The Ramsey Number of Books, *Advances in Combinatorics,* **3** (2019), 12 pages, https://doi.org/10.19086/aic.10808.

[ConFer] D. Conlon and A. Ferber, Lower Bounds for Multicolor Ramsey Numbers, *Advances in Mathematics,* **378** (2021) 107528, 5 pages.

[ConFG1+] D. Conlon, J. Fox, B. Gunby, Xiaoyu He, D. Mubayi, A. Suk and J. Verstraëte, On Off-Diagonal Hypergraph Ramsey Numbers, *International Mathematics Research Notices,* rnaf122 (2025), Issue 11, 22 pages.

[ConFG2+] David Conlon, Jacob Fox, Benjamin Gunby, Xiaoyu He, Dhruv Mubayi, Andrew Suk, Jacques Verstraëte and Hung-Hsun Hans Yu, When Are Off-Diagonal Hypergraph Ramsey Numbers Polynomial?, *Proceedings of the American Mathematical Society,* **153** (2025) 4605-4617.

[ConFH+] D. Conlon, J. Fox, Xiaoyu He, D. Mubayi, A. Suk and J. Verstraëte, Hypergraph Ramsey Numbers of Cliques Versus Stars, *Random Structures and Algorithms,* **63** (2023) 610-623.

[ConFLS] D. Conlon, J. Fox, C. Lee and B. Sudakov, Ramsey Numbers of Cubes Versus Cliques, *Combinatorica,* **36** (2016) 37-70.

[ConFR] D. Conlon, J. Fox and V. Rödl, Hedgehogs Are Not Color Blind, *Journal of Combinatorics,* **8** (2017) 475-485.

[ConFS1] D. Conlon, J. Fox and B. Sudakov, Ramsey Numbers of Sparse Hypergraphs, *Random Structures and Algorithms,* **35** (2009) 1-14.

[ConFS2] D. Conlon, J. Fox and B. Sudakov, Hypergraph Ramsey Numbers, *Journal of the American Mathematical Society,* **23** (2010) 247-266.

[ConFS3] D. Conlon, J. Fox and B. Sudakov, Large Almost Monochromatic Subsets in Hypergraphs, *Israel Journal of Mathematics,* **181** (2011) 423-432.

[ConFS4] D. Conlon, J. Fox and B. Sudakov, On Two Problems in Graph Ramsey Theory, *Combinatorica,* **32** (2012) 513-535.

[ConFS5] D. Conlon, J. Fox and B. Sudakov, Erdős-Hajnal-type Theorems in Hypergraphs, *Journal of Combinatorial Theory,* Series B, **102** (2012) 1142-1154.

[ConFS6] D. Conlon, J. Fox and B. Sudakov, An Improved Bound for the Stepping-Up Lemma, *Discrete Applied Mathematics,* **161** (2013) 1191-1196.

[ConFS7] D. Conlon, J. Fox and B. Sudakov, Recent Developments in Graph Ramsey Theory, *Surveys in Combinatorics,* London Mathematical Society Lecture Note Series, (2015) 49-118.

[ConFS8] D. Conlon, J. Fox and B. Sudakov, Short Proofs of Some Extremal Results II, *Journal of Combinatorial Theory,* Series B, **121** (2016) 173-196.

[ConFW1] D. Conlon, J. Fox and Y. Wigderson, Ramsey Numbers of Books and Quasirandomness, *Combinatorica,* **42**(3) (2022) 309-363.

[ConFW2] D. Conlon, J. Fox and Y. Wigderson, Off-Diagonal Book Ramsey Numbers, *Combinatorics, Probability and Computing,* **32** (2023) 516-545.

[ConMMV] D. Conlon, S. Mattheus, D. Mubayi and J. Verstraëte, Ramsey Numbers and the Zarankiewicz Problem, *Bulletin of the London Mathematical Society,* **56** (2024) 2014-2023.

[ConT] D. Conlon and M. Tyomkyn, Ramsey Numbers of Trails and Circuits, *Journal of Graph Theory,* **102** (2023) 194-196.

[CooFKO1] O. Cooley, N. Fountoulakis, D. Kühn and D. Osthus, 3-Uniform Hypergraphs of Bounded Degree Have Linear Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **98** (2008) 484-505.

[CooFKO2] O. Cooley, N. Fountoulakis, D. Kühn and D. Osthus, Embeddings and Ramsey Numbers of Sparse k-uniform Hypergraphs, *Combinatorica,* **29** (2009) 263-297.

[-] O. Cooley, see also [KüCFO].

[-] K. Coolsaet, see [BrCGM].

[CsKo] R. Csákány and J. Komlós, The Smallest Ramsey Numbers, *Discrete Mathematics,* **199** (1999) 193-199.

D

[-] K. Dabrowska, see [BieDa].

[-] P. Dagum, see [ChCD, CleDa].

[DavJR] E. Davies, M. Jenssen and B. Roberts, Multicolour Ramsey Numbers of Paths and Even Cycles, *European Journal of Combinatorics,* **63** (2017) 124-133.

[DawMc]* M.L. Dawsey and D. McCarthy, Generalized Paley Graphs and Their Complete Subgraphs of Orders Three and Four, *Research in the Mathematical Sciences,* **8** 18, Springer, (2021).

[DayJ] A.N. Day and J.R. Johnson, Multicolour Ramsey Numbers of Odd Cycles, *Journal of Combinatorial Theory,* Series B, **124** (2017) 56-63.

[DeBGS] L. DeBiasio, A. Gyárfás and G.N. Sárközy, Ramsey Numbers of Path-Matchings, Covering Designs and 1-Cores, *Journal of Combinatorial Theory,* Series B, **146** (2021) 124-140.

[-] L. DeBiasio, see also [BalDO].

[Den1] T. Denley, The Independence Number of Graphs with Large Odd Girth, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R9, **1** (1994), 12 pages.

[Den2] T. Denley, The Ramsey Numbers for Disjoint Unions of Cycles, *Discrete Mathematics,* **149** (1996) 31-44.

[DeMST] Z. DeStefano, H. Mahon, F. Simutis and M. Tait, Multicolor Ramsey Numbers for Berge Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P4.26, **29**(4) (2022), 10 pages.

[Dong] Dong Lin, A Note on a Lower Bound for $r(K_{m,n})$, *Journal of Tongji University (Natural Science),* **38** (2010) 776,778.

[DoLi] Lin Dong and Yusheng Li, A Construction for Ramsey Numbers for $K_{m,n}$, *European Journal of Combinatorics,* **31** (2010) 1667-1670.

[DoLL1] Lin Dong, Yusheng Li and Qizhong Lin, Ramsey Numbers Involving Graphs with Large Degrees, *Applied Mathematics Letters,* **22** (2009) 1577-1580.

[DoLL2] Dong Lin, Li Yusheng and Lin Qizhong, Ramsey Numbers of Cycles vs. Large Complete Graph, *Advances in Mathematics, China,* **39** (2010) 700-702.

[-] Dong Lin, see also [HeLD, LinLD].

[DouLLP] Chunyang Dou, Tianyu Li, Qizhong Lin and Xing Peng, The Ramsey Number of the 4-Cycle Versus a Book Graph, *preprint,* http://arxiv.org/abs/2506.10477 (2025).

[-] Bangwei Du, see [LiuDu].

[DuHu] Duan Chanlun and Huang Wenke, Lower Bound of Ramsey Number $r(3, 10)$ (in Chinese), *Acta Scientiarum Naturalium Universitatis Nei Mongol,* **31** (2000) 468-470.

[DuRu] A. Dudek and A. Ruciński, Monochromatic Loose Paths in Multicolored k-Uniform Cliques, *Discrete Mathematics and Theoretical Computer Science,* Graph Theory, **21**(4) (2019) #7, 15 pages.

[DuLR] D. Duffus, H. Lefmann and V. Rödl, Shift Graphs and Lower Bounds on Ramsey Numbers $r_k(l;r)$, *Discrete Mathematics,* **137** (1995) 177-187.

[DuLBG]** Conor Duggan, Zhengyu Li, Curtis Bright and Vijay Ganesh, A SAT + Computer Algebra System Verification of the Ramsey Problem $R(3,8)$, *Proceedings of the AAAI Conference on Artificial Intelligence* 2024, Student Abstracts, https://doi.org/10.1609/aaai.v38i21.30437. Full paper posted on arXiv, Verified Certificates via SAT and Computer Algebra Systems for the Ramsey $R(3,8)$ and $R(3,9)$ Problems (order of the first two authors swapped), http://arxiv.org/abs/2502.06055 (2025).

[DvoMe] V. Dvořák and H. Metrebian, A New Upper Bound for the Ramsey Number of Fans, *European Journal of Combinatorics,* **110** (2023) 103680, 14 pages.

[Dyb1]* J. Dybizbański, On Some Ramsey Numbers of C_4 Versus $K_{2,n}$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **87** (2013) 137-145.

[Dyb2]* J. Dybizbański, A Lower Bound on the Hypergraph Ramsey Number $R(4,5;3)$, *Contributions to Discrete Mathematics,* **13**(2) (2018) 112-115.

[Dyb3]* J. Dybizbański, University of Gdańsk, *personal communication* (2018). Addendum to [Dyb2] at https://inf.ug.edu.pl/ramsey.

[DyDz1]* J. Dybizbański and T. Dzido, On Some Ramsey Numbers for Quadrilaterals, *Electronic Journal of Combinatorics,* http:// www.combinatorics.org, #P154, **18**(1) (2011), 12 pages.

[DyDz2] J. Dybizbański and T. Dzido, On Some Ramsey Numbers for Quadrilaterals Versus Wheels, *Graphs and Combinatorics,* **30** (2014) 573-579.

[DyDR] J. Dybizbański, T. Dzido and S.P. Radziszowski, On Some Three-Color Ramsey Numbers for Paths, *Discrete Applied Mathematics,* **204** (2016) 133-141.

[-] J. Dybizbański, see also [BoDD].

[Dzi1]* T. Dzido, Ramsey Numbers for Various Graph Classes (in Polish), *Ph.D. thesis,* University of Gdańsk, Poland, November 2005.

[Dzi2]* T. Dzido, Multicolor Ramsey Numbers for Paths and Cycles, *Discussiones Mathematicae Graph Theory,* **25** (2005) 57-65.

[DzFi1]* T. Dzido and R. Fidytek, The Number of Critical Colorings for Some Ramsey Numbers, *International Journal of Pure and Applied Mathematics,* ISSN 1311-8080, **38** (2007) 433-444.

[DzFi2]* T. Dzido and R. Fidytek, On Some Three Color Ramsey Numbers for Paths and Cycles, *Discrete Mathematics,* **309** (2009) 4955-4958.

[DzKP] T. Dzido, M. Kubale and K. Piwakowski, On Some Ramsey and Turán-type Numbers for Paths and Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R55, **13** (2006), 9 pages.

[DzNS] T. Dzido, A. Nowik and P. Szuca, New Lower Bound for Multicolor Ramsey Numbers for Even Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #N13, **12** (2005), 5 pages.

[-] T. Dzido, see also [BoDD, DyDz1, DyDz2, DyDR, KhoDz].

E

[Ea1] Easy to obtain by simple combinatorics from other results, in particular by using graphs establishing lower bounds with smaller parameters.

[Ea2] Unique 2-(6,3,2) design gives lower bound 7, upper bound is easy.

[Ea3] Every edge $(3,3,3;2)$-coloring of K_{15} has 35 edges in each color [Hein], and since the number of triangles in K_{16} is not divisible by 3, hence no required triangle-coloring of K_{16} exists.

[Eaton] N. Eaton, Ramsey Numbers for Sparse Graphs, *Discrete Mathematics,* **185** (1998) 63-75.

[Eli] S. Eliahou, An Adaptive Upper Bound on the Ramsey Numbers $R(3,\ldots,3)$, *Integers,* http://math.colgate.edu/~integers, **20** (2020) #A54, 7 pages.

[Erd1] P. Erdős, Some Remarks on the Theory of Graphs, *Bulletin of the American Mathematical Society,* **53** (1947) 292-294.

[Erd2] P. Erdős, Some New Problems and Results in Graph Theory and Other Branches of Combinatorial Mathematics, *Combinatorics and Graph Theory* (Calcutta 1980), Berlin-NY Springer, LNM **885** (1981) 9-17.

[Erd3] P. Erdős, On the Combinatorial Problems Which I Would Most Like to See Solved, *Combinatorica,* **1** (1981) 25-42.

[Erd4] P. Erdős, On Some Problems in Graph Theory, Combinatorial Analysis and Combinatorial Number Theory, *Graph Theory and Combinatorics,* (Cambridge 1983), 1-17, Academic Press, London-New York, 1984.

[EFRS1] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Generalized Ramsey Theory for Multiple Colors, *Journal of Combinatorial Theory,* Series B, **20** (1976) 250-264.

[EFRS2] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, On Cycle-Complete Graph Ramsey Numbers, *Journal of Graph Theory,* **2** (1978) 53-64.

[EFRS3] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Ramsey Numbers for Brooms, *Congressus Numerantium,* **35** (1982) 283-293.

[EFRS4] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Multipartite Graph-Sparse Graph Ramsey Numbers, *Combinatorica,* **5** (1985) 311-318.

[EFRS5] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, A Ramsey Problem of Harary on Graphs with Prescribed Size, *Discrete Mathematics,* **67** (1987) 227-233.

[EFRS6] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Extremal Theory and Bipartite Graph-Tree Ramsey Numbers, *Discrete Mathematics,* **72** (1988) 103-112.

[EFRS7] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, The Book-Tree Ramsey Numbers, *Scientia,* Series A: Mathematical Sciences, Valparaíso, Chile, **1** (1988) 111-117.

[EFRS8] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Multipartite Graph-Tree Graph Ramsey Numbers, in *Graph Theory and Its Applications: East and West, Proceedings of the First China-USA*

International Graph Theory Conference, Annals of the New York Academy of Sciences, **576** (1989) 146-154.

[EFRS9] P. Erdős, R.J. Faudree, C.C. Rousseau and R.H. Schelp, Ramsey Size Linear Graphs, *Combinatorics, Probability and Computing,* **2** (1993) 389-399.

[ErdG] P. Erdős and R.L. Graham, On Partition Theorems for Finite Sets, in *Infinite and Finite Sets,* (A. Hajnal, R. Rado and V.T. Sós eds.) Vol. 1, 515-527, Colloq. Math. Soc. János Bolyai, Vol. 10, North Holland, 1975.

[ErdH] P. Erdős and A. Hajnal, On Ramsey Like Theorems, Problems and Results, *Combinatorics,* Conference on Combinatorial Mathematics, Math. Institute, Oxford, (1972) 123-140.

[-] P. Erdős, see also [BoEr, BuE1, BuE2, BuE3, BEFRS1, BEFRS2, BEFRS3, BEFRS4, BEFRSGJ, BEFS, BES, CaET].

[Ex1]* G. Exoo, Ramsey Numbers of Hypergraphs, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **2** (1987) 5-11.

[Ex2]* G. Exoo, Constructing Ramsey Graphs with a Computer, *Congressus Numerantium,* **59** (1987) 31-36.

[Ex3]* G. Exoo, Applying Optimization Algorithm to Ramsey Problems, in *Graph Theory, Combinatorics, Algorithms, and Applications* (Y. Alavi ed.), SIAM Philadelphia, (1989) 175-179.

[Ex4]* G. Exoo, A Lower Bound for $R(5, 5)$, *Journal of Graph Theory,* **13** (1989) 97-98.

[Ex5]* G. Exoo, On Two Classical Ramsey Numbers of the Form $R(3, n)$, *SIAM Journal on Discrete Mathematics,* **2** (1989) 488-490.

[Ex6]* G. Exoo, A Lower Bound for $r(K_5-e, K_5)$, *Utilitas Mathematica,* **38** (1990) 187-188.

[Ex7]* G. Exoo, Three Color Ramsey Number of K_4-e, *Discrete Mathematics,* **89** (1991) 301-305.

[Ex8]* G. Exoo, Indiana State University, *personal communication* (1992).

[Ex9]* G. Exoo, Announcement: On the Ramsey Numbers $R(4, 6)$, $R(5, 6)$ and $R(3, 12)$, *Ars Combinatoria,* **35** (1993) 85. The construction of a graph proving $R(4, 6) \geq 35$ is presented in detail at http://cs.indstate.edu/ge/RAMSEY (2001).

[Ex10]* G. Exoo, A Lower Bound for Schur Numbers and Multicolor Ramsey Numbers of K_3, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R8, **1** (1994), 3 pages.

[Ex12]* G. Exoo, Some New Ramsey Colorings, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R29, **5** (1998), 5 pages. The constructions are available electronically at http://cs.indstate.edu/ge/RAMSEY. The lower bounds presented in this paper have been improved.

[Ex14]* G. Exoo, Indiana State University, *New Lower Bounds for Table III,* (2000). Constructions available at http://cs.indstate.edu/ge/RAMSEY.

[Ex16]* G. Exoo, Indiana State University, *personal communication* (2005-2006). Constructions available at http://cs.indstate.edu/ge/RAMSEY.

[Ex17]* G. Exoo, Indiana State University, *personal communication* (2010-2011). Constructions available at http://cs.indstate.edu/ge/RAMSEY.

[Ex18]* G. Exoo, Indiana State University, *personal communication* (2012-2013). Constructions available at http://cs.indstate.edu/ge/RAMSEY.

[Ex19]* G. Exoo, On the Ramsey Number $R(4, 6)$, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P66, **19**(1) (2012), 5 pages.

[Ex20]* G. Exoo, On Some Small Classical Ramsey Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P68, **20**(1) (2013), 6 pages.

[Ex21]* G. Exoo, Ramsey Colorings from p-Groups, *in preparation,* (2013).

[Ex22]* G. Exoo, Indiana State University, *personal communication* (2015). Constructions available at http://cs.indstate.edu/ge/RAMSEY.

[Ex23]* G. Exoo, Indiana State University, *personal communication* (2017-2019). Constructions available at http://cs.indstate.edu/ge/RAMSEY, data on Paley graphs at http://cs.indstate.edu/ge/Paley.

[Ex24]* G. Exoo, Indiana State University, *personal communication* (2021).

[Ex25]* G. Exoo, Indiana State University, A Lower Bound for $R(5, 6)$, *manuscript* (2023).

[EHM1] G. Exoo, H. Harborth and I. Mengersen, The Ramsey Number of K_4 Versus K_5-e, *Ars Combinatoria,* **25A** (1988) 277-286.

[EHM2] G. Exoo, H. Harborth and I. Mengersen, On Ramsey Number of $K_{2,n}$, in *Graph Theory, Combinatorics, Algorithms, and Applications* (Y. Alavi, F.R.K. Chung, R.L. Graham and D.F. Hsu eds.), SIAM Philadelphia, (1989) 207-211.

[ExRe]* G. Exoo and D.F. Reynolds, Ramsey Numbers Based on C_5-Decompositions, *Discrete Mathematics,* **71** (1988) 119-127.

[ExT]* G. Exoo and M. Tatarevic, New Lower Bounds for 28 Classical Ramsey Numbers, *Electronic Journal of Combinatorics,* http:// www.combinatorics.org, #P3.11, **22**(3) (2015), 12 pages. Graphs available at the journal site and at http://cs.indstate.edu/ge/RAMSEY/ExTa.

[-] G. Exoo, see also [ClEHMS, XXER].

Fa - Fe

[FanHL] Chunchao Fan, Junqiang Huang and Qizhong Lin, Ramsey Numbers of Large Books Versus Multipartite Graphs, *Graphs and Combinatorics,* **40**:125 (2024), 14 pages.

[FanLin1] Chunchao Fan and Qizhong Lin, Ramsey Non-Goodness Involving Books, *Journal of Combinatorial Theory,* Series A, **199** (2023) 105780, 19 pages.

[FanLin2] Chunchao Fan and Qizhong Lin, Ramsey Numbers for Sparse Graphs Versus Path or Cycle, *preprint,* http://arxiv.org/abs/2507.11835 (2025).

[FLPS] R.J. Faudree, S.L. Lawrence, T.D. Parsons and R.H. Schelp, Path-Cycle Ramsey Numbers, *Discrete Mathematics,* **10** (1974) 269-277.

[FM]** R.J. Faudree and B.D. McKay, A Conjecture of Erdős and the Ramsey Number $r(W_6)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **13** (1993) 23-31.

[FRS1] R.J. Faudree, C.C. Rousseau and R.H. Schelp, All Triangle-Graph Ramsey Numbers for Connected Graphs of Order Six, *Journal of Graph Theory,* **4** (1980) 293-300.

[FRS2] R.J. Faudree, C.C. Rousseau and R.H. Schelp, Studies Related to the Ramsey Number $r(K_5-e)$, in *Graph Theory and Its Applications to Algorithms and Computer Science,* (Y. Alavi et al. eds.), John Wiley and Sons, New York, (1985) 251-271.

[FRS3] R.J. Faudree, C.C. Rousseau and R.H. Schelp, Generalizations of the Tree-Complete Graph Ramsey Number, in *Graphs and Applications,* (F. Harary and J.S. Maybee eds.), John Wiley and Sons, New York, (1985) 117-126.

[FRS4] R.J. Faudree, C.C. Rousseau and R.H. Schelp, Small Order Graph-Tree Ramsey Numbers, *Discrete Mathematics,* **72** (1988) 119-127.

[FRS5] R.J. Faudree, C.C. Rousseau and R.H. Schelp, A Good Idea in Ramsey Theory, in *Graph Theory, Combinatorics, Algorithms, and Applications* (San Francisco, CA 1989), SIAM Philadelphia, PA (1991) 180-189.

[FRS6] R.J. Faudree, C.C. Rousseau and R.H. Schelp, Problems in Graph Theory from Memphis, in *The Mathematics of Paul Erdős II,* R.L. Graham et al. (eds.), Springer, New York, (2013) 95-118.

[FRS7] R.J. Faudree, C.C. Rousseau and J. Sheehan, More from the Good Book, in *Proceedings of the Ninth Southeastern Conference on Combinatorics, Graph Theory, and Computing,* Utilitas Mathematica Publ., *Congressus Numerantium,* **XXI** (1978) 289-299.

[FRS8] R.J. Faudree, C.C. Rousseau and J. Sheehan, Strongly Regular Graphs and Finite Ramsey Theory, *Linear Algebra and its Applications,* **46** (1982) 221-241.

[FRS9] R.J. Faudree, C.C. Rousseau and J. Sheehan, Cycle-Book Ramsey Numbers, *Ars Combinatoria,* **31** (1991) 239-248.

[FS1] R.J. Faudree and R.H. Schelp, All Ramsey Numbers for Cycles in Graphs, *Discrete Mathematics,* **8** (1974) 313-329.

[FS2] R.J. Faudree and R.H. Schelp, Path Ramsey Numbers in Multicolorings, *Journal of Combinatorial Theory,* Series B, **19** (1975) 150-160.

[FS3] R.J. Faudree and R.H. Schelp, Ramsey Numbers for All Linear Forests, *Discrete Mathematics,* **16** (1976) 149-155.

[FS4] R.J. Faudree and R.H. Schelp, Some Problems in Ramsey Theory, in *Theory and Applications of Graphs,* (conference proceedings, Kalamazoo, MI 1976), Lecture Notes in Mathematics **642**, Springer, Berlin, (1978) 500-515.

[FSR] R.J. Faudree, R.H. Schelp and C.C. Rousseau, Generalizations of a Ramsey Result of Chvátal, in *Proceedings of the Fourth International Conference on the Theory and Applications of Graphs,* (Kalamazoo, MI 1980), John Wiley & Sons, (1981) 351-361.

[FSS1] R.J. Faudree, R.H. Schelp and J. Sheehan, Ramsey Numbers for Matchings, *Discrete Mathematics,* **32** (1980) 105-123.

[FSS2] R.J. Faudree, R.H. Schelp and M. Simonovits, On Some Ramsey Type Problems Connected with Paths, Cycles and Trees, *Ars Combinatoria,* **29A** (1990) 97-106.

[FSS3] R.J. Faudree, A. Schelten and I. Schiermeyer, The Ramsey Number $r(C_7, C_7, C_7)$, *Discussiones Mathematicae Graph Theory,* **23** (2003) 141-158.

[FaSi] R.J. Faudree and M. Simonovits, Ramsey Problems and Their Connection to Turán-Type Extremal Problems, *Journal of Graph Theory,* **16** (1992) 25-50.

[-] R.J. Faudree, see also [BEFRS1, BEFRS2, BEFRS3, BEFRS4, BEFRSGJ, BEFS, BuF, BFRS, EFRS1, EFRS2, EFRS3, EFRS4, EFRS5, EFRS6, EFRS7, EFRS8, EFRS9].

[FeKR]** S. Fettes, R.L. Kramer and S.P. Radziszowski, An Upper Bound of 62 on the Classical Ramsey Number $R(3, 3, 3, 3)$, *Ars Combinatoria,* **72** (2004) 41-63.

[-] A. Ferber, see [ConFer].

[Ferg] D.G. Ferguson, Topics in Graph Colouring and Graph Structures, *Ph.D. thesis,* Department of Mathematics, London School of Economics and Political Science, London, 2013. The problems on Ramsey theory are presented also in three arXiv preprints "The Ramsey Number of Mixed-Parity Cycles I, II and III", http://arxiv.org/abs/1508.07154, 1508.07171 and 1508.07176 (2015).

Fi - Fu

[Fid1]* R. Fidytek, Two- and Three-Color Ramsey Numbers for Paths and Cycles, *manuscript* (2010).

[Fid2]* R. Fidytek, *personal communication,* Ramsey Graphs $R(K_n, K_m - e)$, http://fidytek.inf.ug.edu.pl/ramsey (2010), available until 2014.

[-] R. Fidytek, see also [DzFi1, DzFi2].

[FiŁu1] A. Figaj and T. Łuczak, The Ramsey Number for a Triple of Long Even Cycles, *Journal of Combinatorial Theory,* Series B, **97** (2007) 584-596.

[FiŁu2] A. Figaj and T. Łuczak, The Ramsey Numbers for a Triple of Long Cycles, *Combinatorica,* **38**(4) (2018) 827-845.

[FizGM] G. Fiz Pontiveros, S. Griffiths and R. Morris, The Triangle-Free Process and $R(3, k)$, *Memoirs of the American Mathematical Society,* Vol. **263**, Number 1274 (2020), 125 pages, first version on arXiv, http://arxiv.org/abs/1302.6279 (2013).

[FizGMSS] G. Fiz Pontiveros, S. Griffiths, R. Morris, D. Saxton and J. Skokan, The Ramsey Number of the Clique and the Hypercube, *Journal of the London Mathematical Society,* **89** (2014) 680-702.

[-] G. Fiz Pontiveros, see also [GrMFSS].

[FloS] Freddy Flores Dubó and Maya Stein, On the Ramsey Number of the Double Star, *Discrete Mathematics,* **348** (2025) 114227, 4 pages.

[Fol] J. Folkman, Notes on the Ramsey Number $N(3,3,3,3)$, *Journal of Combinatorial Theory,* Series A, **16** (1974) 371-379.

[-] N. Fountoulakis, see [CooFKO1, CooFKO2, KüCFO].

[FoxHW] Jacob Fox, Xiaoyu He and Yuval Wigderson, Ramsey Goodness of Books Revisited, *Advances in Combinatorics,* https://doi.org/10.19086/aic.2023.4 (2023):4, 21 pages.

[FoxLi] Jacob Fox and Ray Li, On Ramsey Numbers of Hedgehogs, *Combinatorics, Probability and Computing,* **29** (2020) 101-112.

[FoxPS1] J. Fox, J. Pach and A. Suk, Bounded VC-Dimension Implies the Schur-Erdős Conjecture, *36th International Symposium on Computational Geometry,* Dagstuhl Publishing, Germany, 46:1-46:8, (2020). *Combinatorica,* **41**(6) (2021) 803-813.

[FoxPS2] J. Fox, J. Pach and A. Suk, The Schur-Erdős Problem for Semi-Algebraic Colorings, *Israel Journal of Mathematics,* **239** (2020) 39-57.

[FoxSu1] J. Fox and B. Sudakov, Density Theorems for Bipartite Graphs and Related Ramsey-type Results, *Combinatorica,* **29** (2009) 153-196.

[FoxSu2] J. Fox and B. Sudakov, Two Remarks on the Burr-Erdős Conjecture, *European Journal of Combinatorics,* **30** (2009) 1630-1645.

[-] J. Fox, see also [BraFS1, BraFS2, ConFG1+, ConFG2+, ConFH+, ConFLS, ConFR, ConFS1, ConFS2, ConFS3, ConFS4, ConFS5, ConFS6, ConFS7, ConFS8, ConFW1, ConFW2].

[-] M. Frank, see [CodFIM].

[FraWi] P. Frankl and R.M. Wilson, Intersection Theorems with Geometric Consequences, *Combinatorica,* **1** (1981) 357-368.

[Fra1] K. Fraughnaugh Jones, Independence in Graphs with Maximum Degree Four, *Journal of Combinatorial Theory,* Series B, **37** (1984) 254-269.

[Fra2] K. Fraughnaugh Jones, Size and Independence in Triangle-Free Graphs with Maximum Degree Three, *Journal of Graph Theory,* **14** (1990) 525-535.

[FrLo] K. Fraughnaugh and S.C. Locke, Finding Independent Sets in Triangle-Free Graphs, *SIAM Journal on Discrete Mathematics,* **9** (1996) 674-681.

[Fre] H. Fredricksen, Schur Numbers and the Ramsey Numbers $N(3,3,...,3;2)$, *Journal of Combinatorial Theory,* Series A, **27** (1979) 376-377.

[FreSw]* H. Fredricksen and M.M. Sweet, Symmetric Sum-Free Partitions and Lower Bounds for Schur Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R32, **7** (2000), 9 pages.

[-] A. Freschi, see [CamFMPP].

[-] Lars Fritz, see [WoGKSF].

[FuLS]** F. Furini, I. Ljubić and P. San Segundo, New IP-based Lower Bounds for Small Ramsey Numbers Using Circulant Graphs, *preprint,* https://www.researchgate.net/publication/354381524, 2021, 29 pages.

[Fuj1]* H. Fujita, Ramsey Numbers and Ramsey Graphs, http://opal.inf.kyushu-u.ac.jp/~fujita/ramsey.html, 2014-2017.

[Fuj2] S. Fujita, Generalized Ramsey Numbers for Graphs with Three Disjoint Cycles Versus a Complete Graph, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P14, **19**(2) (2012), 11 pages.

[-] Z. Füredi, see [AxFM, BiFJ].

Ga - Gr

[-] F. Gaitan, see [RanMCG].

[-] Vijay Ganesh, see [DuLBG].

[-] P. Garcia-Vázquez, see [BoCGR].

[Gas] W. Gasarch, Applications of Ramsey Theory to Computer Science, collection of pointers to papers, http://www.cs.umd.edu/~gasarch/TOPICS/ramsey/ramsey.html (2009, 2011, 2017).

[GauST] S. Gautam, A.K. Srivastava and A. Tripathi, On Multicolour Noncomplete Ramsey Graphs of Star Graphs, *Discrete Applied Mathematics,* **156** (2008) 2423-2428.

[GauB]* Thibault Gauthier and Chad E. Brown, A Formal Proof of $R(4,5)=25$, *15th International Conference on Interactive Theorem Proving,* ITP 2024, Dagstuhl Publishing, article #16, 18 pages.

[-] Gennian Ge, see [XuGe].

[Gerbi]* R. Gerbicz, New Lower Bounds for Two Color and Multicolor Ramsey Numbers, *preprint,* http://arxiv.org/abs/1004.4374 (2010), pointed to in revision #14. Since 2015, better bounds in all cases were obtained by others.

[Gerbn] D. Gerbner, On Berge-Ramsey Problems, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P2.39, **27**(2) (2020), 8 pages.

[GerMOV] D. Gerbner, A. Methuku, G. Omidi and M. Vizer, Ramsey Problems for Berge Hypergraphs, *SIAM Journal on Discrete Mathematics,* **34** (2020) 351-369.

[GeGy] L. Gerencsér and A. Gyárfás, On Ramsey-Type Problems, *Annales Universitatis Scientiarum Budapestinensis, Eötvös Sect. Math.,* **10** (1967) 167-170.

[-] Aris Giotis, see [WoGKSF].

[Gi1] G. Giraud, Une généralisation des nombres et de l'inégalité de Schur, *C.R. Acad. Sc. Paris,* Séries A-B, **266** (1968) A437-A440.

[Gi2] G. Giraud, Minoration de certains nombres de Ramsey binaires par les nombres de Schur généralisés, *C.R. Acad. Sc. Paris,* Séries A-B, **266** (1968) A481-A483.

[Gi3] G. Giraud, Nouvelles majorations des nombres de Ramsey binaires-bicolores, *C.R. Acad. Sc. Paris,* Séries A-B, **268** (1969) A5-A7.

[Gi4] G. Giraud, Majoration du nombre de Ramsey ternaire-bicolore en (4,4), *C.R. Acad. Sc. Paris,* Séries A-B, **269** (1969) A620-A622.

[Gi5] G. Giraud, Une minoration du nombre de quadrangles unicolores et son application à la majoration des nombres de Ramsey binaires-bicolores, *C.R. Acad. Sc. Paris,* Séries A-B, **276** (1973) A1173-A1175.

[Gi6] G. Giraud, Sur le problème de Goodman pour les quadrangles et la majoration des nombres de Ramsey, *Journal of Combinatorial Theory,* Series B, **27** (1979) 237-253.

[-] L. Gishboliner, see [BraGS].

[-] A.M. Gleason, see [GG].

[GodK] W. Goddard and D.J. Kleitman, An Upper Bound for the Ramsey Numbers $r(K_3, G)$, *Discrete Mathematics,* **125** (1994) 177-182.

[GoeR1]** J. Goedgebeur and S.P. Radziszowski, New Computational Upper Bounds for Ramsey Numbers $R(3, k)$, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P30, **20**(1) (2013), 28 pages.

[GoeR2]** J. Goedgebeur and S.P. Radziszowski, The Ramsey Number $R(3, K_{10}-e)$ and Computational Bounds for $R(3, G)$, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P19, **20**(4) (2013), 25 pages.

[GoeVO]** J. Goedgebeur and S. Van Overberghe, New Bounds for Ramsey Numbers $R(K_k-e, K_l-e)$, *Discrete Applied Mathematics,* **307** (2022) 212-221.

[-] J. Goedgebeur, see also [BrCGM, BrGS].

[GoMC] A. Gonçalves and E.L. Monte Carmelo, Some Geometric Structures and Bounds for Ramsey Numbers, *Discrete Mathematics,* **280** (2004) 29-38.

[GoJa1] R.J. Gould and M.S. Jacobson, Bounds for the Ramsey Number of a Disconnected Graph Versus Any Graph, *Journal of Graph Theory,* **6** (1982) 413-417.

[GoJa2] R.J. Gould and M.S. Jacobson, On the Ramsey Number of Trees Versus Graphs with Large Clique Number, *Journal of Graph Theory,* **7** (1983) 71-78.

[-] R.J. Gould, see also [BEFRSGJ, ChaGP].

[-] N. Graber, see [ColGJ].

[GrBu] R.L. Graham and S. Butler, Rudiments of Ramsey Theory, second edition, *CBMS Regional Conference Series in Mathematics,* 123, American Mathematical Society 2015.

[GrNe] R.L. Graham and J. Nešetřil, Ramsey Theory and Paul Erdős (Recent Results from a Historical Perspective), *Bolyai Society Mathematical Studies,* **11**, Budapest (2002) 339-365.

[GrRö] R.L. Graham and V. Rödl, Numbers in Ramsey Theory, in *Surveys in Combinatorics,* (ed. C. Whitehead), Cambridge University Press, 1987, 111-153.

[GRR1] R.L. Graham, V. Rödl and A. Ruciński, On Graphs with Linear Ramsey Numbers, *Journal of Graph Theory,* **35** (2000) 176-192.

[GRR2] R.L. Graham, V. Rödl and A. Ruciński, On Bipartite Graphs with Linear Ramsey Numbers, Paul Erdős and his mathematics, *Combinatorica,* **21** (2001) 199-209.

[GRS] R.L. Graham, B.L. Rothschild and J.H. Spencer, *Ramsey Theory,* John Wiley & Sons, first edition 1980, second edition 1990, paperback of the second edition 2013.

[-] R.L. Graham, see also [ChGra1, ChGra2, ErdG].

[GrY] J.E. Graver and J. Yackel, Some Graph Theoretic Results Associated with Ramsey's Theorem, *Journal of Combinatorial Theory,* **4** (1968) 125-175.

[GG] R.E. Greenwood and A.M. Gleason, Combinatorial Relations and Chromatic Graphs, *Canadian Journal of Mathematics,* **7** (1955) 1-7.

[GrH] U. Grenda and H. Harborth, The Ramsey Number $r(K_3, K_7-e)$, *Journal of Combinatorics, Information & System Sciences,* **7** (1982) 166-169.

[GrMFSS] S. Griffiths, R. Morris, G. Fiz Pontiveros, D. Saxton and J. Skokan, On the Ramsey Number of the Triangle and the Cube, *Combinatorica,* **36** (2016) 71-89.

[-] S. Griffiths, see also [BalB+, CamGMS, FizGM, FizGMSS].

[Gri] J.R. Griggs, An Upper Bound on the Ramsey Numbers $R(3,k)$, *Journal of Combinatorial Theory,* Series A, **35** (1983) 145-153.

[GR]** C. Grinstead and S. Roberts, On the Ramsey Numbers $R(3,8)$ and $R(3,9)$, *Journal of Combinatorial Theory,* Series B, **33** (1982) 27-51.

[-] C. Grinstead, see also [ChGri].

[Grol1] V. Grolmusz, Superpolynomial Size Set-Systems with Restricted Intersections mod 6 and Explicit Ramsey Graphs, *Combinatorica,* **20** (2000) 73-88.

[Grol2] V. Grolmusz, Low Rank Co-Diagonal Matrices and Ramsey Graphs, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R15, **7** (2000), 7 pages.

[Grol3] V. Grolmusz, Set-Systems with Restricted Multiple Intersections, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R8, **9** (2002), 10 pages.

[Gros1] J.W. Grossman, Some Ramsey Numbers of Unicyclic Graphs, *Ars Combinatoria,* **8** (1979) 59-63.

[Gros2] J.W. Grossman, The Ramsey Numbers of the Union of Two Stars, *Utilitas Mathematica,* **16** (1979) 271-279.

[GrHK] J.W. Grossman, F. Harary and M. Klawe, Generalized Ramsey Theory for Graphs, X: Double Stars, *Discrete Mathematics,* **28** (1979) 247-254.

[-] J.W. Grossman, see also [BuG].

Gu - Gy

[GuLi] Gu Hua and Li Yusheng, On Ramsey Number of $K_{2,t+1}$ vs $K_{1,n}$, *Journal of Nanjing University Mathematical Biquarterly,* **19** (2002) 150-153.

[GuSL] Gu Hua, Song Hongxue and Liu Xiangyang, Ramsey Numbers $r(K_{1,4}, G)$ for All Three-Partite Graphs G of Order Six, *Journal of Southeast University,* (English Edition), **20** (2004) 378-380.

[-] Gu Hua, see also [SonGQ].

[-] B. Gunby, see [ConFG1+, ConFG2+].

[GuoHP] Xiao-bing Guo, Si-nan Hu and Yue-jian Peng, Ramsey Numbers of Trees Versus Multiple Copies of Books, *Acta Mathematicae Applicatae Sinica, English Series,* **40** (2024) 600-612.

[GuoV] Guo Yubao and L. Volkmann, Tree-Ramsey Numbers, *Australasian Journal of Combinatorics,* **11** (1995) 169-175.

[-] L. Gupta, see [GuGS].

[GuNNW] P. Gupta, N. Ndiaye, S. Norin and L. Wei, Optimizing the CGMS Upper Bound on Ramsey Numbers, *preprint,* http://arxiv.org/abs/2407.19026 (2024).

[Gup] Sayan Gupta, A Study of Two Ramsey Numbers Involving Odd Cycles, *preprint,* http://arxiv.org/abs/2504.15693 (2025).

[GupM] Sayan Gupta and Kaushik Majumder, An Exact Ramsey Number of Large Bipartite Graphs Versus Odd Wheel, *preprint,* http://arxiv.org/abs/2511.14867 (2025).

[GuGS] S.K. Gupta, L. Gupta and A. Sudan, On Ramsey Numbers for Fan-Fan Graphs, *Journal of Combinatorics, Information & System Sciences,* **22** (1997) 85-93.

[Gy] A. Gyárfás, Large Sets of t-Designs and a Ramsey-Type Problem, *Integers,* **18** (2018) A53, 3 pages, http://math.colgate.edu/~integers.

[GyLSS] A. Gyárfás, J. Lehel, G.N. Sárközy and R.H. Schelp, Monochromatic Hamiltonian Berge-Cycles in Colored Complete Uniform Hypergraphs, *Journal of Combinatorial Theory,* Series B, **98** (2008) 342-358.

[GyRa] A. Gyárfás and G. Raeisi, The Ramsey Number of Loose Triangles and Quadrangles in Hypergraphs, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P30, **19**(2) (2012), 9 pages.

[GyRSS] A. Gyárfás, M. Ruszinkó, G.N. Sárközy and E. Szemerédi, Three-color Ramsey Numbers for Paths, *Combinatorica,* **27** (2007) 35-69. *Corrigendum* in **28** (2008) 499-502.

[GySá1] A. Gyárfás and G.N. Sárközy, The 3-Colour Ramsey Number of a 3-Uniform Berge Cycle, *Combinatorics, Probability and Computing,* **20** (2011) 53-71.

[GySá2] A. Gyárfás and G.N. Sárközy, Star Versus Two Stripes Ramsey Numbers and a Conjecture of Schelp, *Combinatorics, Probability and Computing,* **21** (2012) 179-186.

[GySá3] A. Gyárfás and G.N. Sárközy, Ramsey Number of a Connected Triangle Matching, *Journal of Graph Theory,* **83** (2016) 109-119.

[GySS1] A. Gyárfás, G.N. Sárközy and E. Szemerédi, The Ramsey Number of Diamond-Matchings and Loose Cycles in Hypergraphs, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R126, **15** (2008), 14 pages.

[GySS2] A. Gyárfás, G.N. Sárközy and E. Szemerédi, Monochromatic Hamiltonian 3-Tight Berge Cycles in 2-Colored 4-Uniform Hypergraphs, *Journal of Graph Theory,* **63** (2010) 288-299.

[GySeT] A. Gyárfás, A. Sebő and N. Trotignon, The Chromatic Gap and Its Extremes, *Journal of Combinatorial Theory,* Series B, **102** (2012) 1155-1178.

[GyTu] A. Gyárfás and Z. Tuza, An Upper Bound on the Ramsey Number of Trees, *Discrete Mathematics,* **66** (1987) 309-310.

[-] A. Gyárfás, see also [AxGy, AxGLM, DeBGS, GeGy].

Ha

[HafBa] Y. Hafidh and E.T. Baskoro, The Ramsey Number for Tree Versus Wheel with Odd Order, *Bulletin of the Malaysian Mathematical Sciences Society,* **44**(4) (2021) 2151-2160.

[Häg] R. Häggkvist, On the Path-Complete Bipartite Ramsey Number, *Discrete Mathematics,* **75** (1989) 243-245.

[HagMa] Sh. Haghi and H.R. Maimani, A Note on the Ramsey Number of Even Wheels Versus Stars, *Discussiones Mathematicae Graph Theory,* **38** (2018) 397-404.

[HaHT] A. Hamm, P. Hazelton and S. Thompson, On Ramsey and Star-Critical Ramsey Numbers for Generalized Fans Versus nK_m, *Discrete Applied Mathematics,* **305** (2021) 64-70. Corrigendum in **376** (2025) 462-464.

[-] A. Hajnal, see [ErdH].

[HanPR] Jie Han, J. Polcyn and A. Ruciński, Turán and Ramsey Numbers for 3-Uniform Minimal Paths of Length 4, *Journal of Graph Theory,* **98**(3) (2021) 460-498.

[Han]* D. Hanson, Sum-Free Sets and Ramsey Numbers, *Discrete Mathematics,* **14** (1976) 57-61.

[-] D. Hanson, see also [AbbH].

[Hans] M. Hansson, On Generalized Ramsey Numbers for Two Sets of Cycles, *Discrete Applied Mathematics,* **238** (2018) 86-94.

[HaoLin] Yiyuan Hao and Qizhong Lin, Ramsey Number of K_3 Versus $F_{3,n}$, *Discrete Applied Mathematics,* **251** (2018) 345-348.

[Har1] F. Harary, Recent Results on Generalized Ramsey Theory for Graphs, in *Graph Theory and Applications,* (Y. Alavi et al. eds.) Springer, Berlin (1972) 125-138.

[Har2] F. Harary, Generalized Ramsey Theory I to XIII: Achievement and Avoidance Numbers, in *Proceedings of the Fourth International Conference on the Theory and Applications of Graphs,* (Kalamazoo, MI 1980), John Wiley & Sons, (1981) 373-390.

[-] F. Harary, see also [ChH1, ChH2, ChH3, GrHK].

[HaKr1]** H. Harborth and S. Krause, Ramsey Numbers for Circulant Colorings, *Congressus Numerantium,* **161** (2003) 139-150.

[HaKr2]** H. Harborth and S. Krause, Distance Ramsey Numbers, *Utilitas Mathematica,* **70** (2006) 197-200.

[HaMe1] H. Harborth and I. Mengersen, An Upper Bound for the Ramsey Number $r(K_5-e)$, *Journal of Graph Theory,* **9** (1985) 483-485.

[HaMe2] H. Harborth and I. Mengersen, All Ramsey Numbers for Five Vertices and Seven or Eight Edges, *Discrete Mathematics,* **73** (1988/89) 91-98.

[HaMe3] H. Harborth and I. Mengersen, The Ramsey Number of $K_{3,3}$, in *Combinatorics, Graph Theory, and Applications,* Vol. **2** (Y. Alavi, G. Chartrand, O.R. Oellermann and J. Schwenk eds.), John Wiley & Sons, (1991) 639-644.

[-] H. Harborth, see also [BoH, ClEHMS, EHM1, EHM2, GrH].

[HaMe4] M. Harborth and I. Mengersen, Some Ramsey Numbers for Complete Bipartite Graphs, *Australasian Journal of Combinatorics,* **13** (1996) 119-128.

[-] T. Harmuth, see [BrBH1, BrBH2].

[HasHKL] John Haslegrave, Joseph Hyde, Jaehoon Kim and Hong Liu, Ramsey Numbers of Cycles Versus General Graphs, *Forum of Mathematics, Sigma,* **11**:e10 (2023) 1-18.

[Has] Hasmawati, The Ramsey Numbers for Disjoint Union of Stars, *Journal of the Indonesian Mathematical Society,* **16** (2010) 133-138.

[HaABS] Hasmawati, H. Assiyatun, E.T. Baskoro and A.N.M. Salman, Ramsey Numbers on a Union of Identical Stars Versus a Small Cycle, in Computational Geometry and Graph Theory, Kyoto CGGT 2007, *LNCS* 4535, Springer, Berlin (2008) 85-89.

[HaBA1] Hasmawati, E.T. Baskoro and H. Assiyatun, Star-Wheel Ramsey Numbers, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **55** (2005) 123-128.

[HaBA2] Hasmawati, E.T. Baskoro and H. Assiyatun, The Ramsey Numbers for Disjoint Unions of Graphs, *Discrete Mathematics,* **308** (2008) 2046-2049.

[HaJu] Hasmawati and Jusmawati, Ramsey Number on a Union of Stars Versus a Small Cycle, *Jurnal Matematika Statistika dan Komputasi,* Universitas Hasanuddin, **13** (2017) 152-157.

[-] Hasmawati, see also [BaHA].

[HasHR] Z.R. Hassan, E. Hemaspaandra and S. Radziszowski, The Complexity of (P_k, P_l)-Arrowing, *24th International Symposium on Fundamentals of Computation Theory,* FCT 2023, Trier, Germany, September 18-21, LNCS, Springer, 2023.

[Hass] Z.R. Hassan, The Complexity of (P_3, H)-Arrowing and Beyond, *49th International Symposium on Mathematical Foundations of Computer Science* MFCS 2024, Bratislava, Slovakia, August 26-30, Leibniz International Proceedings in Informatics, article #59, 16 pages.

[HaŁP1+] P.E. Haxell, T. Łuczak, Y. Peng, V. Rödl, A. Ruciński, M. Simonovits and J. Skokan, The Ramsey Number for Hypergraph Cycles I, *Journal of Combinatorial Theory,* Series A, **113** (2006) 67-83.

[HaŁP2+] P.E. Haxell, T. Łuczak, Y. Peng, V. Rödl, A. Ruciński and J. Skokan, The Ramsey Number for 3-Uniform Tight Hypergraph Cycles, *Combinatorics, Probability and Computing,* **18** (2009) 165-203.

[HaŁT] P.E. Haxell, T. Łuczak and P.W. Tingley, Ramsey Numbers for Trees of Small Maximum Degree, *Combinatorica,* **22** (2002) 287-320.

[-] P. Hazelton, see [HaHT].

He - Hu

[HeLD]* Changxiang He, Yusheng Li and Lin Dong, Three-Color Ramsey Numbers of K_n Dropping an Edge, *Graphs and Combinatorics,* **28** (2012) 663-669.

[HeZZ] Jiafu He, Haiyu Zeng and Yanbo Zhang, Ramsey Goodness of Stars and Fans for the Hajós Graph, *Discrete Mathematics and Theoretical Computer Science,* **27**(3) (2025), #11, 11 pages.

[HeNWY] Xiaoyu He, Jiaxi Nie, Yuval Wigderson and Hung-Hsun Hans Yu, Off-Diagonal Ramsey Numbers for Linear Hypergraphs, *preprint,* http://arxiv.org/abs/2507.05641 (2025).

[HeWi] Xiaoyu He and Yuval Wigderson, Multicolor Ramsey Numbers via Pseudorandom Graphs, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P1.32, **27**(1) (2020), 8 pages.

[-] Xiaoyu He, see also [ConFG1+, ConFG2+, ConFH+, FoxHW].

[HeHKP] Zion Hefty, Paul Horn, Dylan King and Florian Pfender, Improving $R(3, k)$ in Just Two Bites, *preprint,* http://arxiv.org/abs/2510.19718 (2025).

[-] P. Heggernes, see [BeHHRS, BeHHS].

[Hein] K. Heinrich, Proper Colourings of K_{15}, *Journal of the Australian Mathematical Society,* Series A, **24** (1977) 465-495.

[-] E. Hemaspaandra, see [HasHR].

[He1] G.R.T. Hendry, Diagonal Ramsey Numbers for Graphs with Seven Edges, *Utilitas Mathematica,* **32** (1987) 11-34.

[He2] G.R.T. Hendry, Ramsey Numbers for Graphs with Five Vertices, *Journal of Graph Theory,* **13** (1989) 245-248.

[He3] G.R.T. Hendry, The Ramsey Numbers $r(K_2+\overline{K}_3, K_4)$ and $r(K_1+C_4, K_4)$, *Utilitas Mathematica,* **35** (1989) 40-54, addendum in **36** (1989) 25-32.

[He4] G.R.T. Hendry, Critical Colorings for Clancy's Ramsey Numbers, *Utilitas Mathematica,* **41** (1992) 181-203.

[He5] G.R.T. Hendry, Small Ramsey Numbers II. Critical Colorings for $r(C_5+e, K_5)$, *Quaestiones Mathematica,* **17** (1994) 249-258.

[-] G.R.T. Hendry, see also [YH].

[HiIr]* R. Hill and R.W. Irving, On Group Partitions Associated with Lower Bounds for Symmetric Ramsey Numbers, *European Journal of Combinatorics,* **3** (1982) 35-50.

[-] J. Hiller, see [BrBH, BudHLS, BudHMP, BudHP, BudHR1, BudHR2].

[Hir] J. Hirschfeld, A Lower Bound for Ramsey's Theorem, *Discrete Mathematics,* **32** (1980) 89-91.

[HngJL] Eng Keat Hng, Meng Ji and Ander Lamaison, Ramsey Size Linear and Generalization, *preprint,* http://arxiv.org/abs/2603.25453 (2026).

[Ho] Pak Tung Ho, On Ramsey Unsaturated and Saturated Graphs, *Australasian Journal of Combinatorics,* **46** (2010) 13-18.

[HoMe] M. Hoeth and I. Mengersen, Ramsey Numbers for Graphs of Order Four Versus Connected Graphs of Order Six, *Utilitas Mathematica,* **57** (2000) 3-19.

[-] Pim van 't Hof, see [BeHHRS, BeHHS].

[-] P. Holub, see [LiZBBH].

[-] N. Hommowun, see [AlmHS].

[Hook] J. Hook, Critical Graphs for $R(P_n, P_m)$ and the Star-Critical Ramsey Number for Paths, *Discussiones Mathematicae Graph Theory,* **35** (2015) 689-701.

[HoIs] J. Hook and G. Isaak, Star-Critical Ramsey Numbers, *Discrete Applied Mathematics,* **159** (2011) 328-334.

[-] Paul Horn, see [HeHKP].

[-] Xinmin Hou, see [JiHou, ZhaHou].

[HuL+] Fu-Tao Hu, Qizhong Lin, Tomasz Łuczak, Bo Ning and Xing Peng, Ramsey Numbers of Books Versus Long Cycles, *SIAM Journal on Discrete Mathematics,* **39**(1) (2025) 550-561.

[HuLuo] Sinan Hu and Zhidan Luo, Ramsey Numbers for a Large Tree Versus Multiple Copies of Complete Graphs of Different Sizes, *Discussiones Mathematicae Graph Theory,* **45** (2025) 419-429.

[HuP1] Sinan Hu and Yuejian Peng, The Ramsey Number for a Forest Versus Disjoint Union of Complete Graphs, *Graphs and Combinatorics,* **39**:26 (2023), 16 pages.

[HuP2] Si-nan Hu and Yue-jian Peng, Ramsey Numbers of Stripes Versus Trees and Unicyclic Graphs, *Journal of the Operations Research Society of China,* (2023), https://doi.org/10.1007/s40305-023-00494-0.

[-] Si-nan Hu, see also [GuoHP].

[HuLin] Xinyu Hu and Qizhong Lin, Ramsey Numbers and a General Erdős-Rogers Function, *Discrete Mathematics,* **347** (2024) 114203, 10 pages.

[HuPZ] Caixia Huang, Yuejian Peng and Yiran Zhang, Ramsey Numbers for Multiple Copies of Graphs in a Component, *Graphs and Combinatorics,* **40**:94 (2024), 23 pages.

[HuSo] Huang Da Ming and Song En Min, Properties and Lower Bounds of the Third Order Ramsey Numbers (in Chinese), *Mathematica Applicata,* **9** (1996) 105-107.

[Hua1] Huang Guotai, Some Generalized Ramsey Numbers (in Chinese), *Mathematica Applicata,* **1** (1988) 97-101.

[Hua2] Huang Guotai, An Unsolved Problem of Gould and Jacobson (in Chinese), *Mathematica Applicata,* **9** (1996) 234-236.

[-] Huang Jian, see [HTHZ1, HTHZ2, HWSYZH].

[-] Junqiang Huang, see [FanHL].

[HuCh] Ting Huang and Yaojun Chen, Ramsey Numbers of Trees Versus Odd Cycles Sharing One Vertex, *Discrete Mathematics,* **349** (2026) 115050, 8 pages.

[HuZC1] Ting Huang, Yanbo Zhang and Yaojun Chen, Fan-Goodness of Sparse Graphs, *preprint,* http://arxiv.org/abs/2507.09832 (2025).

[HuZC2] Ting Huang, Yanbo Zhang and Yaojun Chen, Ramsey Numbers of Sparse Graphs Versus Disjoint Books, *preprint,* http://arxiv.org/abs/2507.09827 (2025).

[HuZC3] Ting Huang, Yanbo Zhang and Yaojun Chen, Minimum Degree and Sparse Connected Spanning Subgraphs, *preprint,* http://arxiv.org/abs/2507.03264 (2025).

[-] Huang Wenke, see [DuHu].

[HTHZ1] (also abbreviated as HT+) Yiru Huang, Fuping Tan, Jian Huang and Kemin Zhang, New Upper Bounds for Ramsey Number $R(K_m - e, K_n - e)$, *manuscript* (2016).

[HTHZ2] Huang Yiru, Tan Fuping, Huang Jian and Zhang Chaohui, On the Upper Bounds Formulas of Multicolored Ramsey Number (in Chinese), *Journal of Jishou University,* Natural Science Edition, **38** (2017) 1-6.

[HWSYZH] (also abbreviated as HW+) Huang Yi Ru, Wang Yuandi, Sheng Wancheng, Yang Jiansheng, Zhang Ke Min and Huang Jian, New Upper Bound Formulas with Parameters for Ramsey Numbers, *Discrete Mathematics,* **307** (2007) 760-763.

[HYZ] Yi Ru Huang, Jian Sheng Yang and Ke Min Zhang, A Note on Ramsey Numbers with Two Parameters, *European Journal of Combinatorics,* **27** (2006) 574-576.

[HZ1] Huang Yi Ru and Zhang Ke Min, A New Upper Bound Formula on Ramsey Numbers, *Journal of Shanghai University, Natural Science,* **7** (1993) 1-3.

[HZ2] Huang Yi Ru and Zhang Ke Min, An New Upper Bound Formula for Two Color Classical Ramsey Numbers, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **28** (1998) 347-350.

[HZ3] Huang Yi Ru and Zhang Ke Min, New Upper Bounds for Ramsey Numbers, *European Journal of Combinatorics,* **19** (1998) 391-394.

[-] Huang Yi Ru, see also [BolJY+, YHZ1, YHZ2].

[-] Zhong Huang, see [YaoHMZ].

[HunMS] Zach Hunter, Aleksa Milojević and Benny Sudakov, Gaussian Random Graphs and Ramsey Numbers, *preprint,* http://arxiv.org/abs/2512.17718 (2025).

[-] Zach Hunter, see also [BraHS].

[-] Eoin Hurley, see [BalB+].

[-] Joseph Hyde, see [HasHKL].

I

[Ihr]* F. Ihringer, Two Small Improvements on Ramsey Numbers, *unpublished report,* http://math.ihringer.org/publications.php (2020).

[Ir] R.W. Irving, Generalised Ramsey Numbers for Small Graphs, *Discrete Mathematics,* **9** (1974) 251-264.

[-] R.W. Irving, see also [HiIr].

[-] G. Isaak, see [HoIs].

[Isb1] J.R. Isbell, $N(4,4;3) \geq 13$, *Journal of Combinatorial Theory,* **6** (1969) 210.

[Isb2] J.R. Isbell, $N(5,4;3) \geq 24$, *Journal of Combinatorial Theory,* Series A, **34** (1983) 379-380.

[Ishi] Y. Ishigami, Linear Ramsey Numbers for Bounded-Degree Hypergraphs, *Electronic Notes in Discrete Mathematics,* **29** (2007) 47-51.

[-] A. Itzhakov, see [CodFIM].

J

[Jack] E. Jackowska, The 3-Color Ramsey Number for a 3-Uniform Loose Path of Length 3, *Australasian Journal of Combinatorics,* **63** (2015) 314-320.

[JacPR] E. Jackowska, J. Polcyn and A. Ruciński, Multicolor Ramsey Numbers and Restricted Turán Numbers for the Loose 3-Uniform Path of Length Three, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.5, **24** (2017), 21 pages.

[Jaco] M.S. Jacobson, On the Ramsey Number for Stars and a Complete Graph, *Ars Combinatoria,* **17** (1984) 167-172.

[-] M.S. Jacobson, see also [BEFRSGJ, GoJa1, GoJa2].

[-] S. Jahanbekam, see [BiFJ].

[JamKR]** D. James, E. Kahan and E. Rauer, $R(K_6-e, K_4) = 30$, *Graphs and Combinatorics,* **41**:27 (2025), 17 pages.

[-] O. Janzer, see [AxCJMR].

[JaBBJ] A.M.M. Jaradat, A. Baniabedalruhman, M.S. Bataineh and M.M.M. Jaradat, The Theta-Complete Graph Ramsey Number $r(\theta_k, K_5)$; $k=7,8,9$, *Italian Journal of Pure and Applied Mathematics,* **46** (2021) 614-620.

[-] A.M.M. Jaradat, see also [BanJBJ].

[JaAl] M.M.M. Jaradat and B.M.N. Alzaleq, The Cycle-Complete Graph Ramsey Number $r(C_8, K_8)$, *SUT Journal of Mathematics,* **43** (2007) 85-98.

[JaBa] M.M.M. Jaradat and A.M.M. Baniabedalruhman, The Cycle-Complete Graph Ramsey Number $r(C_8, K_7)$, *International Journal of Pure and Applied Mathematics,* **41** (2007) 667-677.

[JaBVR] M.M.M. Jaradat, M.S. Bataineh, T. Vetrik and A.M.M. Rabaiah, A Note on the Ramsey Numbers for Theta Graphs Versus the Wheel of Order 5, *AKCE International Journal of Graphs and Combinatorics,* **15** (2018) 187-189.

[-] M.M.M. Jaradat, see also [BanJBJ, BatJA, JaBBJ].

[JaKSY] B. Jartoux, C. Keller, S. Smorodinsky and Y. Yuditsky, On Multicolour Ramsey Numbers and Subset Coloring of Hypergraphs, *SIAM Journal on Discrete Mathematics,* **36**(3) (2022) 1848-1860.

[-] I. Javaid, see [AliTJ].

[JaNR]* C.J. Jayawardene, D. Narváez and S. Radziszowski, Star-Critical Ramsey Numbers for Cycles Versus K_4, *Discussiones Mathematicae Graph Theory,* **41** (2021) 381-390.

[JaNS] C.J. Jayawardene, W.C.W. Navaratna and J.N. Senadheera, All Ramsey Critical Graphs for Large Cycles vs a Complete Graph of Order Six, *Journal of the National Science Foundation of Sri Lanka,* **52**(1) (2024) 113-123.

[JR1] C.J. Jayawardene and C.C. Rousseau, An Upper Bound for the Ramsey Number of a Quadrilateral Versus a Complete Graph on Seven Vertices, *Congressus Numerantium,* **130** (1998) 175-188.

[JR2] C.J. Jayawardene and C.C. Rousseau, Ramsey Numbers $r(C_6, G)$ for All Graphs G of Order Less than Six, *Congressus Numerantium,* **136** (1999) 147-159.

[JR3] C.J. Jayawardene and C.C. Rousseau, The Ramsey Numbers for a Quadrilateral vs. All Graphs on Six Vertices, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **35** (2000) 71-87. Erratum in **51** (2004) 221. Erratum by L. Boza in **89** (2014) 155-156.

[JR4] C.J. Jayawardene and C.C. Rousseau, Ramsey Numbers $r(C_5, G)$ for All Graphs G of Order Six, *Ars Combinatoria,* **57** (2000) 163-173.

[JR5] C.J. Jayawardene and C.C. Rousseau, The Ramsey Number for a Cycle of Length Five vs. a Complete Graph of Order Six, *Journal of Graph Theory,* **35** (2000) 99-108.

[JRB} C. Jayawardene, C.C. Rousseau and B. Bollobás, How Ramsey Theory Can Be Used to Solve Harary's Problem for $K_{2,k}$, *preprint,* http://arxiv.org/abs/1901.01552 (2019).

[-] C.J. Jayawardene, see also [BolJY+, RoJa1, RoJa2].

[JenSk] M. Jenssen and J. Skokan, Exact Ramsey Numbers of Odd Cycles via Nonlinear Optimisation, *Advances in Mathematics,* **376** (2021), paper no. 107444, 46 pages.

[-] M. Jenssen, see also [DavJR, CamJMPS, CamJMS].

[-] Meng Ji, see [HngJL].

[-] Jiang Baoqi, see [SunYJLS].

[JiHou] Taiping Jiang and Xinmin Hou, Ramsey Numbers of Color Critical Graphs Versus Large Generalized Fans, *preprint,* http://arxiv.org/abs/2308.10546 (2023).

[JiSa] Tao Jiang and M. Salerno, Ramsey Numbers of Some Bipartite Graphs Versus Complete Graphs, *Graphs and Combinatorics,* **27** (2011) 121-128.

[-] Tao Jiang, see also [ColGJ].

[JiLSX] Yu Jiang, Meilian Liang, Yongqi Sun and Xiaodong Xu, On Ramsey Numbers $R(K_4 - e, K_t)$, *Graphs and Combinatorics,* **37** (2021) 651-661.

[JiLTX1]* Yu Jiang, Meilian Liang, Yanmei Teng and Xiaodong Xu, The Cyclic Triangle-Free Process, *Symmetry,* **11** (2019) 955.

[JiLTX2]* Yu Jiang, Meilian Liang, Yanmei Teng and Xiaodong Xu, Random Cyclic Triangle-Free Graphs of Prime Order, *Journal of Mathematics,* Hindawi, volume 2021, article ID 5595919, 6 pages.

[Jin]** Jin Xia, Ramsey Numbers Involving a Triangle: Theory & Applications, *Technical Report RIT-TR-93-019,* MS thesis, Department of Computer Science, Rochester Institute of Technology, 1993.

[-] Jin Xia, see also [RaJi].

[-] J.R. Johnson, see [DayJ].

[JoPe] K. Johst and Y. Person, On the Multicolor Ramsey Number of a Graph with m Edges, *Discrete Mathematics,* **339** (2016) 2857-2860.

[Jun] V. Jungić, *Basics of Ramsey Theory,* Routledge Taylor & Francis, 2023.

[-] Jusmawati, see [HaJu].

[JGT] *Journal of Graph Theory,* special volume on Ramsey theory, **7**, Number 1, (1983).

K

[KaOS] S. Kadota, T. Onozuka and Y. Suzuki, The Graph Ramsey Number $R(F_l, K_6)$, *Discrete Mathematics,* **342** (2019) 1028-1037.

[-] E. Kahan, see [JamKR].

[Ka1] J.G. Kalbfleisch, Construction of Special Edge-Chromatic Graphs, *Canadian Mathematical Bulletin,* **8** (1965) 575-584.

[Ka2]* J.G. Kalbfleisch, Chromatic Graphs and Ramsey's Theorem, *Ph.D. thesis,* University of Waterloo, January 1966.

[Ka3] J.G. Kalbfleisch, On Robillard's Bounds for Ramsey Numbers, *Canadian Mathematical Bulletin,* **14** (1971) 437-440.

[KaSt] J.G. Kalbfleisch and R.G. Stanton, On the Maximal Triangle-Free Edge-Chromatic Graphs in Three Colors, *Journal of Combinatorial Theory,* **5** (1968) 9-20.

[KamRa1] A. Kamranian and G. Raeisi, Ramsey Number of Disjoint Union of Good Hypergraphs, *Iranian Journal of Science and Technology, Transactions Science,* **44** (2020) 1649-1652.

[KamRa2] A. Kamranian and G. Raeisi, On the Star-Critical Ramsey Number of a Forest Versus Complete Graphs, *Iranian Journal of Science and Technology, Transaction Science,* **46** (2022) 499-505.

[-] Ross Kang, see [WoGKSF].

[-] Ardak Kapbasov, see [LowKap1, LowKap2, LowKKB].

[-] Arman Kapbasov, see [LowKKB].

[KarK] C.D. Karamchedu and M.M. Klawe, On the Ramsey Numbers of Odd-Linked Double Stars, *Discrete Mathematics,* **345** (2022) 113001, 12 pages.

[KáRos] G. Károlyi and V. Rosta, Generalized and Geometric Ramsey Numbers for Cycles, *Theoretical Computer Science,* **263** (2001) 87-98.

[KeeLS] P. Keevash, E. Long and J. Skokan, Cycle-Complete Ramsey Numbers, *International Mathematics Research Notices,* rnz119 (2019) 1-26, Volume (2021), Issue 1, 275-300.

[-] P. Keevash, see also [BohK1, BohK2, BohK3].

[-] C. Keller, see [JaKSY].

[KerRo] M. Kerber and C. Rowan, CommonLisp program for computing upper bounds on classical Ramsey numbers, http://www.cs.bham.ac.uk/~mmk/demos/ramsey-upper-limit.lisp (2009).

[Kéry] G. Kéry, On a Theorem of Ramsey (in Hungarian), *Matematikai Lapok,* **15** (1964) 204-224.

[KhoDz] F. Khoeini and T. Dzido, On Some Three Color Ramsey Numbers for Paths, Cycles, Stripes and Stars, *Graphs and Combinatorics,* **35** (2019) 559-567.

[-] Jaehoon Kim, see [HasHKL].

[Kim] Jeong Han Kim, The Ramsey Number $R(3, t)$ Has Order of Magnitude $t^2/\log t$, *Random Structures and Algorithms,* **7** (1995) 173-207.

[-] Dylan King, see [HeHKP].

[KirS]* M. Kirchweger and S. Szeider, SAT Modulo Symmetries for Graph Generation and Enumeration, *ACM Transactions on Computational Logic,* **25**(3) (2024), article #18, 29 pages.

[KlaM1] K. Klamroth and I. Mengersen, Ramsey Numbers of K_3 Versus (p, q)-Graphs, *Ars Combinatoria,* **43** (1996) 107-120.

[KlaM2] K. Klamroth and I. Mengersen, The Ramsey Number of $r(K_{1,3}, C_4, K_4)$, *Utilitas Mathematica,* **52** (1997) 65-81.

[-] K. Klamroth, see also [ArKM].

[-] M. Klawe, see [GrHK, KarK].

[-] D.J. Kleitman, see [GoK].

[KniSu] C. Knierim and P. Su, Improved Bounds on the Multicolor Ramsey Numbers of Paths and Even Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P1.26, **26**(1) (2019), 17 pages.

[KoSS1] Y. Kohayakawa, M. Simonovits and J. Skokan, The 3-colored Ramsey Number of Odd Cycles, *Electronic Notes in Discrete Mathematics,* **19** (2005) 397-402.

[KoSS2] Y. Kohayakawa, M. Simonovits and J. Skokan, The 3-colored Ramsey Number of Odd Cycles, to appear in *Journal of Combinatorial Theory,* Series B (2013).

[Köh] W. Köhler, On a Conjecture by Grossman, *Ars Combinatoria,* **23** (1987) 103-106.

[-] J. Komlós, see [CsKo, AjKS, AjKSS].

[Kol1]* M. Kolodyazhny, Novye Nizhnie Granitsy Chisel Ramseya $R(3, 12)$ i $R(3, 13)$ (in Russian), *Matematicheskoye i Informacionnoe Modelirovanie,* Tyumen, **14** (2015) 126-130.

[Kol2]* M. Kolodyazhny, graphs available at http://aluarium.net/forum/wiki-article-17.html, *personal communication* (2016).

[Kor] A. Korolova, Ramsey Numbers of Stars Versus Wheels of Similar Sizes, *Discrete Mathematics,* **292** (2005) 107-117.

[KosMV1] A. Kostochka, D. Mubayi and J. Verstraëte, On Independent Sets in Hypergraphs, *Random Structures and Algorithms,* **44** (2014) 224-239.

[KosMV2] A. Kostochka, D. Mubayi and J. Verstraëte, Hypergraph Ramsey Numbers: Triangles Versus Cliques, *Journal of Combinatorial Theory,* Series A, **120** (2013) 1491-1507.

[KosPR] A. Kostochka, P. Pudlák and V. Rödl, Some Constructive Bounds on Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **100** (2010) 439-445.

[KoRö1] A.V. Kostochka and V. Rödl, On Graphs with Small Ramsey Numbers, *Journal of Graph Theory,* **37** (2001) 198-204.

[KoRö2] A.V. Kostochka and V. Rödl, On Graphs with Small Ramsey Numbers, II, *Combinatorica,* **24** (2004) 389-401.

[KoRö3] A.V. Kostochka and V. Rödl, On Ramsey Numbers of Uniform Hypergraphs with Given Maximum Degree, *Journal of Combinatorial Theory,* Series A, **113** (2006) 1555-1564.

[KoSu] A.V. Kostochka and B. Sudakov, On Ramsey Numbers of Sparse Graphs, *Combinatorics, Probability and Computing,* **12** (2003) 627-641.

[-] R.L. Kramer, see [FeKR].

[KrRod] I. Krasikov and Y. Roditty, On Some Ramsey Numbers of Unicyclic Graphs, *Bulletin of the Institute of Combinatorics and its Applications,* **33** (2001) 29-34.

[-] S. Krause, see [HaKr1, HaKr2].

[KrLR]* D.L. Kreher, Wei Li and S. Radziszowski, Lower Bounds for Multicolor Ramsey Numbers from Group Orbits, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **4** (1988) 87-95.

[-] D.L. Kreher, see also [RaK1, RaK2, RaK3, RaK4].

[Kriv] M. Krivelevich, Bounding Ramsey Numbers through Large Deviation Inequalities, *Random Structures and Algorithms,* **7** (1995) 145-155.

[-] M. Krivelevich, see also [AlBK, AlKS].

[KroMe] M. Krone and I. Mengersen, The Ramsey Numbers $r(K_5-2K_2, 2K_3)$, $r(K_5-e, 2K_3)$ and $r(K_5, 2K_3)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **81** (2012) 257-260.

[Krü] O. Krüger, An Invariant for Minimum Triangle-Free Graphs, *Australasian Journal of Combinatorics,* **74** (2019) 371-388.

[-] M. Kubale, see [DzKP].

[KüCFO] D. Kühn, O. Cooley, N. Fountoulakis and D. Osthus, Ramsey Numbers of Sparse Hypergraphs, *Electronic Notes in Discrete Mathematics,* **29** (2007) 29-33.

[-] D. Kühn, see also [CooFKO1, CooFKO2].

[Kuz]* E. Kuznetsov, Computational Lower Limits on Small Ramsey Numbers, *preprint,* http://arxiv.org/abs/1505.07186 (2016).

La - Le

[-] Hong-Jian Lai, see [XuWLM].

[-] P.C.B. Lam, see [ShiuLL].

[-] Ander Lamaison, see [HngJL].

[-] Powers Lamb, see [BaLL+].

[-] J. Lambert, see [BudHLS].

[LaRo] B. Landman and A. Robertson, *Ramsey Theory on the Integers,* Student Mathematical Library, American Mathematical Society, first edition **24** (2004), second edition **73** (2014).

[LaLR]** A. Lange, I. Livinsky and S.P. Radziszowski, Computation of the Ramsey Numbers $R(C_4, K_9)$ and $R(C_4, K_{10})$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **97** (2016) 139-154.

[-] C. Langhoff, see [AlmBCL].

[LauPRT] M. Lauria, P. Pudlák, V. Rödl and N. Thapen, The Complexity of Proving That a Graph Is Ramsey, *ICALP* 2013, Part I, LNCS 7965 (2013) 684-695. *Combinatorica,* **37**(2) (2017) 253-268.

[Law1] S.L. Lawrence, Cycle-Star Ramsey Numbers, *Notices of the American Mathematical Society,* **20** (1973) Abstract A-420.

[Law2] S.L. Lawrence, Bipartite Ramsey Theory, *Notices of the American Mathematical Society,* **20** (1973) Abstract A-562.

[-] S.L. Lawrence, see also [FLPS].

[LayMa] C. Laywine and J.P. Mayberry, A Simple Construction Giving the Two Non-isomorphic Triangle-Free 3-Colored K_{16}'s, *Journal of Combinatorial Theory,* Series B, **45** (1988) 120-124.

[LaMu] F. Lazebnik and D. Mubayi, New Lower Bounds for Ramsey Numbers of Graphs and Hypergraphs, *Advances in Applied Mathematics,* **28** (2002) 544-559.

[LaWo1] F. Lazebnik and A. Woldar, New Lower Bounds on the Multicolor Ramsey Numbers $r_k(C_4)$, *Journal of Combinatorial Theory,* Series B, **79** (2000) 172-176.

[LaWo2] F. Lazebnik and A. Woldar, General Properties of Some Families of Graphs Defined by Systems of Equations, *Journal of Graph Theory,* **38** (2001) 65-86.

[Lee] Choongbum Lee, Ramsey Numbers of Degenerate Graphs, *Annals of Mathematics,* **185** (2017) 791-829.

[-] Choongbum Lee, see also [ConFLS].

[Lef1] H. Lefmann, A Note on Ramsey Numbers, *Studia Scientiarum Mathematicarum Hungarica,* **22** (1987) 445-446.

[Lef2] H. Lefmann, Ramsey Numbers for Monotone Paths and Cycles, *Ars Combinatoria,* **35** (1993) 271-279.

[-] H. Lefmann, see also [DuLR].

[-] J. Lehel, see [BalLS, GyLSS].

[LeMu] J. Lenz and D. Mubayi, Multicolor Ramsey Numbers for Complete Bipartite Versus Complete Graphs, *Journal of Graph Theory,* **77** (2014) 19-38.

[Les]* A. Lesser, Theoretical and Computational Aspects of Ramsey Theory, *Examensarbeten i Matematik,* Matematiska Institutionen, Stockholms Universitet, **3**, http://www2.math.su.se/gemensamt/grund/exjobb/matte/2001 (2001).

[-] D. Leven, see [BlLR].

Li

[-] Li Bingxi, see [SunYWLX, SunYXL].

[LiBie] Binlong Li and H. Bielak, On the Ramsey-Goodness of Paths, *Graphs and Combinatorics,* **32** (2016) 2541-2549.

[LiNing1] Binlong Li and Bo Ning, On Path-Quasar Ramsey Numbers, *Annales Universitatis Mariae Curie-Skłodowska Lublin-Polonia,* Sectio A, **LXVIII** (2014) 11-17.

[LiNing2] Binlong Li and Bo Ning, The Ramsey Numbers of Paths Versus Wheels: a Complete Solution, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P4.41, **21**(4) (2014), 30 pages.

[LiSch] Binlong Li and I. Schiermeyer, On Star-Wheel Ramsey Numbers, *Graphs and Combinatorics,* **32** (2016) 733-739.

[LiZBBH] Binlong Li, Yanbo Zhang, H. Bielak, H. Broersma and P. Holub, Closing the Gap on Path-Kipas Ramsey Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.21, **22**(3) (2015), 7 pages.

[LiZB] Binlong Li, Yanbo Zhang and H. Broersma, An Exact Formula for All Star-Kipas Ramsey Numbers, *Graphs and Combinatorics,* **33** (2017) 141-148.

[LiWa1] Li Da Yong and Wang Zhi Jian, The Ramsey Number $r(mC_4, nC_4)$ (in Chinese), *Journal of Shanghai Tiedao University,* **20** (1999) 66-70, 83.

[LiWa2] Li Da Yong and Wang Zhi Jian, The Ramsey Numbers $r(mC_4, nC_5)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **45** (2003) 245-252.

[-] Dongxin Li, see [ZhuZL].

[-] Li Guiqing, see [SLLL, SLZL].

[LiLi]* Li Mingbo and Li Yusheng, Ramsey Numbers and Triangle-Free Cayley Graphs (in Chinese), *Journal of Tongji University (Natural Science),* Shanghai, **43**(11) (2015) 1750-1752.

[-] Li Jinwen, see [ZLLS].

[LiMSY] Ping Li, Ya-ping Mao, Ingo Schiermeyer and Yi-fan Yao, Ramsey Numbers for Linear Forest-Kipas and Its Applications in Gallai-Ramsey Numbers, *Acta Mathematicae Applicatae Sinica, English Series,* November 2025, 15 pages, doi.org/10.1007/s10255-025-0052-3.

[LiSLW]* Li Qiao, Su Wenlong, Luo Haipeng and Wu Kang, Lower Bounds for Some Two-Color Ramsey Numbers, *manuscript* (2011). By 2016, the results there have been improved by others.

[-] Li Qiao, see also [SuLL, SLLL].

[-] Ray Li, see [FoxLi].

[LiLin1] Tia-nyu Li and Qizhong Lin, Upper Bounds on the Multicolor Ramsey Numbers $r_k(C_4)$, *Acta Mathematicae Applicatae Sinica, English Series,* **41**(1) (2025) 286-294.

[LiLP] Tianyu Li, Qizhong Lin and Xing Peng, Ramsey Numbers of the Quadrilateral Versus Books, *Journal of Graph Theory,* **103**(2) (2023) 309-322.

[-] Tianyu Li, see also [DouLLP].

[-] Wei Li, see [KrLR].

[LiXin] Xin Li, Two Source Extractors for Asymptotically Optimal Entropy, and (Many) More, IEEE 64-th *Annual Symposium on Foundations of Computer Science* (FOCS), Santa Cruz, CA, USA, 2023.

[LiLW] Yan Li, Yusheng Li and Ye Wang, Multicolor Ramsey Numbers of Bipartite Graphs and Large Books, *Graphs and Combinatorics,* **39**:21 (2023), 7 pages.

[LiW] Yan Li and Ye Wang, Two Multicolor Ramsey Numbers Involving Bipartite Graphs, *COCOA 2023,* LNCS 14462 (2024) 147-151.

[LiZZ] Yan Li, Yahui Zhang and Ping Zhang, Multicolor Ramsey Numbers and Star-Critical Ramsey Numbers Involving Fans, *Discussiones Mathematicae Graph Theory,* **45** (2025) 395-409.

[-] Yan Li, see also [WaLL].

[Li1] Li Yusheng, Some Ramsey Numbers of Graphs with Bridge, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **25** (1997) 225-229.

[Li2] Li Yusheng, The Shannon Capacity of a Communication Channel, Graph Ramsey Number and a Conjecture of Erdős, *Chinese Science Bulletin,* **46** (2001) 2025-2028.

[Li3] Yusheng Li, Ramsey Numbers of a Cycle, *Taiwanese Journal of Mathematics,* **12** (2008) 1007-1013.

[Li4] Yusheng Li, The Multi-Color Ramsey Number of an Odd Cycle, *Journal of Graph Theory,* **62** (2009) 324-328.

[LiLih] Yusheng Li and Ko-Wei Lih, Multi-Color Ramsey Numbers of Even Cycles, *European Journal of Combinatorics,* **30** (2009) 114-118.

[LiLin2] Yusheng Li and Qizhong Lin, *Elementary Methods of Graph Ramsey Theory,* Springer, Applied Mathematical Sciences 211, 2022.

[LiR1] Li Yusheng and C.C. Rousseau, On Book-Complete Graph Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **68** (1996) 36-44.

[LiR2] Li Yusheng and C.C. Rousseau, Fan-Complete Graph Ramsey Numbers, *Journal of Graph Theory,* **23** (1996) 413-420.

[LiR3] Li Yusheng and C.C. Rousseau, On the Ramsey Number $r(H+\overline{K}_n, K_n)$, *Discrete Mathematics,* **170** (1997) 265-267.

[LiR4] Li Yusheng and C.C. Rousseau, A Ramsey Goodness Result for Graphs with Many Pendant Edges, *Ars Combinatoria,* **49** (1998) 315-318.

[LiRS] Li Yusheng, C.C. Rousseau and L. Soltés, Ramsey Linear Families and Generalized Subdivided Graphs, *Discrete Mathematics,* **170** (1997) 269-275.

[LiRZ1] Li Yusheng, C.C. Rousseau and Zang Wenan, Asymptotic Upper Bounds for Ramsey Functions, *Graphs and Combinatorics,* **17** (2001) 123-128.

[LiRZ2] Li Yusheng, C.C. Rousseau and Zang Wenan, An Upper Bound on Ramsey Numbers, *Applied Mathematics Letters,* **17** (2004) 663-665.

[LiShen] Yusheng Li and Jian Shen, Bounds for Ramsey Numbers of Complete Graphs Dropping an Edge, *European Journal of Combinatorics,* **29** (2008) 88-94.

[LiTZ] Li Yusheng, Tang Xueqing and Zang Wenan, Ramsey Functions Involving $K_{m,n}$ with n Large, *Discrete Mathematics,* **300** (2005) 120-128.

[LiZa1] Li Yusheng and Zang Wenan, Ramsey Numbers Involving Large Dense Graphs and Bipartite Turán Numbers, *Journal of Combinatorial Theory,* Series B, **87** (2003) 280-288.

[LiZa2] Li Yusheng and Zang Wenan, The Independence Number of Graphs with a Forbidden Cycle and Ramsey Numbers, *Journal of Combinatorial Optimization,* **7** (2003) 353-359.

[-] Li Yusheng, see also [BaiLi, BaLX, CaLRZ, Doli, DoLL1, DoLL2, GuLi, HeLD, LiLi, LinLi1, LinLi2, LinLi3, LinLD, LinLS, LiLW, LiuLi1, LiuLi2, LiuLi3, LiuLi4, LiuLi5, LiuLi6, LiuLi7, PeiLi, PeiCLY, ShiuLL, SonLi, SunLi, WaLi, WaLL, YuLi].

[-] Li Zhenchong, see [LuSL, LuLL].

[-] Zhengyu Li, see [DuLBG].

[-] Zhihui Li, see [ZhouLMW].

Lia - Lj

[LiaRX] Meilian Liang, S. Radziszowski and Xiaodong Xu, On a Diagonal Conjecture for Classical Ramsey Numbers, *Discrete Applied Mathematics,* **267** (2019) 195-200.

[LiaX]** Meilian Liang and Xiaodong Xu, Some New Lower Bounds for Ramsey Numbers $R(3, k)$, *in preparation,* (2024).

[-] Meilian Liang, see also [JiLSX, JiLTX1, JiLTX2, LuLL, XuLL].

[LiaWXS]* Wenzhong Liang, Kang Wu, Xiaodong Xu and Wenlong Su, New Lower Bounds for Seven Classical Ramsey Numbers, *in preparation,* (2011).

[LiaWXCS]* Liang Wenzhong, Wu Kang, Xu Chengzhang, Chen Hong and Su Wenlong, Using the Two Stage Automorphism of Paley to Calculate the Lower Bound of Ramsey, *Journal of Inner Mongolia Normal University,* **41** (2012) 591-596.

[LidP]** B. Lidický and F. Pfender, Semidefinite Programming and Ramsey Numbers, *preprint,* http://arxiv.org/abs/1704.03592 (2017), revised version (2020). *SIAM Journal on Discrete Mathematics,* **35**(4) (2021) 10.1137/18M1169473.

[LidMPV]* B. Lidický, G. McKinley, F. Pfender and S. Van Overberghe, Small Ramsey Numbers for Books, Wheels, and Generalizations, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P4.64, **32**(4) (2025), 20 pages.

[-] A. Liebenau, see [BlLi].

[-] Ko-Wei Lih, see [LiLih].

[LinCh] Qizhong Lin and Weiji Chen, New Upper Bound for Multicolor Ramsey Number of Odd Cycles, *Discrete Mathematics,* **342** (2019) 217-220.

[LinLi1] Qizhong Lin and Yusheng Li, On Ramsey Numbers of Fans, *Discrete Applied Mathematics,* **157** (2009) 191-194.

[LinLi2] Qizhong Lin and Yusheng Li, Ramsey Numbers of K_3 and $K_{n,n}$, *Applied Mathematics Letters,* **25** (2012) 380-384.

[LinLi3] Qizhong Lin and Yusheng Li, Quasi-Random Graphs of Given Density and Ramsey Numbers, *Pure and Applied Mathematics Quarterly,* **18**(6) (2022) 2537-2549.

[LinLD] Qizhong Lin, Yusheng Li and Lin Dong, Ramsey Goodness and Generalized Stars, *European Journal of Combinatorics,* **31** (2010) 1228-1234.

[LinLS]* Qizhong Lin, Yusheng Li and Jian Shen, Lower Bounds for $r_2(K_1+G)$ and $r_3(K_1+G)$ from Paley Graph and Generalization, *European Journal of Combinatorics,* **40** (2014) 65-72.

[LinLiu] Qizhong Lin and Xiudi Liu, Ramsey Numbers Involving Large Books, *SIAM Journal on Discrete Mathematics,* **35** (2021) 23-34.

[LinP] Qizhong Lin and Xing Peng, Large Book-Cycle Ramsey Numbers, *SIAM Journal on Discrete Mathematics,* **35** (2021) 532-545.

[LinS] Qizhong Lin and Shixi Song, Ramsey Numbers of Long Even Cycles Versus Books, *preprint,* http://arxiv.org/abs/2509.26323 (2025).

[-] Qizhong Lin, see also [ChenL, ChenLY, ChuLin, DoLL1, DoLL2, DouLLP, FanHL, FanLin1, FanLin2, HaoLin, HuLin, HuL+, LiLin1, LiLP, LiLin2, YouLin1, YouLin2, YouLC].

[-] Lin Xiaohui, see [SunYJLS, SunYLZ1, SunYLZ2].

[LinCa]* M. Lindsay and J.W. Cain, Improved Lower Bounds on the Classical Ramsey Numbers $R(4, 22)$ and $R(4, 25)$, *preprint,* http://arxiv.org/abs/1510.06102 (2015).

[Lind] B. Lindström, Undecided Ramsey-Numbers for Paths, *Discrete Mathematics,* **43** (1983) 111-112.

[Ling] A.C.H. Ling, Some Applications of Combinatorial Designs to Extremal Graph Theory, *Ars Combinatoria,* **67** (2003) 221-229.

[-] Andy Liu, see [AbbL, BaLiu].

[LiuMS] Henry Liu, Bojan Mohar and Yongtang Shi, Multicoloured Ramsey Numbers of the Path of Length Four, *preprint,* http://arxiv.org/abs/2108.06477 (2021).

[-] Hong Liu, see [AxGLM, HasHKL].

[-] Liu Linzhong, see [ZLLS].

[LiuDu] Meng Liu and Bangwei Du, Ramsey Numbers of Complete Bipartite Graphs, *Graphs and Combinatorics,* **41**:30 (2025), 4 pages.

[LiuLi1] Meng Liu and Yusheng Li, Ramsey Numbers of a Fixed Odd-Cycle and Generalized Books and Fans, *Discrete Mathematics,* **339** (2016) 2481-2489.

[LiuLi2] Meng Liu and Yusheng Li, Ramsey Numbers and Bipartite Ramsey Numbers via Quasi-Random Graphs, *Discrete Mathematics,* **344** (2021), 112162, 5 pages.

[LiuLi3] Meng Liu and Yusheng Li, Ramsey Numbers of Fans and Large Books, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P1.52, **29**(1) (2022), 9 pages.

[LiuLi4] Meng Liu and Yusheng Li, Ramsey Numbers Involving an Odd Cycle and Large Complete Graphs in Three Colors, *Graphs and Combinatorics,* **38**:182 (2022), 6 pages.

[LiuLi5] Meng Liu and Yusheng Li, A Note on Ramsey Numbers Involving Large Books, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P1.7, **31**(1) (2024), 6 pages.

[LiuLi6] Meng Liu and Yusheng Li, On Graphs for Which Large Books Are Ramsey Good, *Journal of Graph Theory,* **108**(3) (2025) 543-559.

[LiuLi7] Meng Liu and Yusheng Li, Ramsey Goodness of Large Books Revisited, *Discrete Mathematics,* **349** (2026), 114937, 7 pages.

[LiuW] Meng Liu and Ye Wang, Polynomial Resultants and Ramsey Numbers of a Theta Graph, *Advances in Applied Mathematics,* **167** (2025) 102881, 9 pages.

[-] Liu Shu Yan, see [SonBL].

[Liu]* Sixue Cliff Liu, Lower Bounds for Small Ramsey Numbers on Hypergraphs, in *Proceedings of COCOON 2019,* Xi'an, China, LNCS 11653, Springer, (2019) 412-424.

[LiuCh] Siyue Liu and Gang Chen, On the Ramsey Numbers of Even-Linked Double Stars, *Australasian Journal of Combinatorics,* **94**(3) (2026) 385-402.

[-] Liu Xiangyang, see [GuSL].

[-] Xiudi Liu, see [LinLiu].

[-] Liu Yanwu, see [SonYL].

[-] Zhiguo Liu, see [WuSL].

[-] I. Livinsky, see [LaLR].

[-] I. Ljubić, see [FuLS].

Lo - Lu

[LoPfe] Allan Lo and Vincent Pfenninger, The Ramsey Number for 4-Uniform Tight Cycles, *Extended Abstracts EuroComb 2021,* Springer, TM 14, (2021) 442-445. Full paper in *SIAM Journal on Discrete Mathematics,* **39**(1) (2025) 361-387.

[-] Allan Lo, see also [BoLo].

[Loc] S.C. Locke, Bipartite Density and the Independence Ratio, *Journal of Graph Theory,* **10** (1986) 47-53.

[-] S.C. Locke, see also [FrLo].

[-] E. Long, see [KeeLS].

[-] Albert López Vidal, see [AttLM].

[Lor] P.J. Lorimer, The Ramsey Numbers for Stripes and One Complete Graph, *Journal of Graph Theory,* **8** (1984) 177-184.

[LorMu] P.J. Lorimer and P.R. Mullins, Ramsey Numbers for Quadrangles and Triangles, *Journal of Combinatorial Theory,* Series B, **23** (1977) 262-265.

[LorSe] P.J. Lorimer and R.J. Segedin, Ramsey Numbers for Multiple Copies of Complete Graphs, *Journal of Graph Theory,* **2** (1978) 89-91.

[LorSo] P.J. Lorimer and W. Solomon, The Ramsey Numbers for Stripes and Complete Graphs 1, *Discrete Mathematics,* **104** (1992) 91-97. Corrigendum in **131** (1994) 395.

[-] P.J. Lorimer, see also [CocL1, CocL2].

[Lortz] R. Lortz, A Note on the Ramsey Number of $K_{2,2}$ Versus $K_{3,n}$, *Discrete Mathematics,* **306** (2006) 2976-2982.

[LoM1] R. Lortz and I. Mengersen, On the Ramsey Numbers $r(K_{2,n-1}, K_{2,n})$ and $r(K_{2,n}, K_{2,n})$, *Utilitas Mathematica,* **61** (2002) 87-95.

[LoM2] R. Lortz and I. Mengersen, Bounds on Ramsey Numbers of Certain Complete Bipartite Graphs, *Results in Mathematics,* **41** (2002) 140-149.

[LoM3]* R. Lortz and I. Mengersen, Off-Diagonal and Asymptotic Results on the Ramsey Number $r(K_{2,m}, K_{2,n})$, *Journal of Graph Theory,* **43** (2003) 252-268.

[LoM4]* R. Lortz and I. Mengersen, Further Ramsey Numbers for Small Complete Bipartite Graphs, *Ars Combinatoria,* **79** (2006) 195-203.

[LoM5] R. Lortz and I. Mengersen, Ramsey Numbers for Small Graphs Versus Small Disconnected Graphs, *Australasian Journal of Combinatorics,* **51** (2011) 89-108.

[LoM6] R. Lortz and I. Mengersen, On the Ramsey Numbers of Certain Graphs of Order Five Versus All Connected Graphs of Order Six, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **90** (2014) 197-222.

[LoM7] R. Lortz and I. Mengersen, On the Ramsey Numbers for Stars Versus Connected Graphs of Order Six, *Australasian Journal of Combinatorics,* **73** (2019) 1-24.

[LoM8] R. Lortz and I. Mengersen, All Missing Ramsey Numbers for Trees Versus the Four-Page Book, *Electronic Journal of Graph Theory and Applications,* **9**(2) (2021) 377-385.

[LoM9] R. Lortz and I. Mengersen, On the Ramsey Numbers of Non-Star Trees Versus Connected Graphs of Order Six, *Discussiones Mathematicae Graph Theory,* **43** (2023) 331-349.

[LoM10] R. Lortz and I. Mengersen, On the Ramsey Number $r(S_n, K_6-3K_2)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **113** (2020) 119-126, and **124** (2025) 229-234.

[-] Andrew Lott, see [BaLL+].

[LowKap1]* R. Low and A. Kapbasov, New Diagonal Graph Ramsey Numbers of Unicyclic Graphs, *Theory and Applications of Graphs,* **10**(1) (2023), article 9, 12 pages.

[LowKap2]* R. Low and A. Kapbasov, Diagonal Graph Ramsey Numbers of Even Cycles with Pendant Edges, *Australasian Journal of Combinatorics,* **94**(1) (2026) 221-234.

[LowKKB]* R. Low, A. Kapbasov, A. Kapbasov and S. Bereg, Computation of New Diagonal Graph Ramsey Numbers, *Electronic Journal of Graph Theory and Applications,* **10**(2) (2022) 575-588.

[Loz] V. Lozin, Ramsey Numbers and Graph Parameters, *Graphs and Combinatorics,* **40**:29 (2024), 13 pp.

[-] V. Lozin, see also [AleALZ, AtLZ].

[Łuc] T. Łuczak, $R(C_n, C_n, C_n) \le (4+o(1))n$, *Journal of Combinatorial Theory,* Series B, **75** (1999) 174-187.

[ŁuPo1] T. Łuczak and J. Polcyn, On the Multicolor Ramsey Number for 3-Paths of Length Three, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P1.27, **24** (2017), 4 pages.

[ŁuPo2] T. Łuczak and J. Polcyn, The Multipartite Ramsey Number for the 3-Path of Length Three, *Discrete Mathematics,* **341** (2018) 1270-1274.

[ŁuPR] T. Łuczak, J. Polcyn and A. Ruciński, On Multicolor Ramsey Numbers for Loose k-Paths of Length Three, *European Journal of Combinatorics,* **71** (2018) 43-50.

[ŁucSS] T. Łuczak, M. Simonovits and J. Skokan, On the Multi-Colored Ramsey Numbers of Cycles, *Journal of Graph Theory,* **69** (2012) 169-175.

[-] T. Łuczak, see also [AllŁPZ, FiŁu1, FiŁu2, HaŁP1+, HaŁP2+, HaŁT, HuL+].

[LuSL]* Luo Haipeng, Su Wenlong and Li Zhenchong, The Properties of Self-Complementary Graphs and New Lower Bounds for Diagonal Ramsey Numbers, *Australasian Journal of Combinatorics,* **25** (2002) 103-116.

[LuSS1]* Luo Haipeng, Su Wenlong and Shen Yun-Qiu, New Lower Bounds of Ten Classical Ramsey Numbers, *Australasian Journal of Combinatorics,* **24** (2001) 81-90.

[LuSS2]* Luo Haipeng, Su Wenlong and Shen Yun-Qiu, New Lower Bounds for Two Multicolor Classical Ramsey Numbers, *Radovi Matematički,* **13** (2004) 15-21, pointed to in past revisions. Since 2015, better bounds were obtained by others.

[-] Luo Haipeng, see also [LiSLW, SuL, SuLL, SLLL, SLZL, WSLX1, WSLX2, XuLL].

[LuLL]* Liang Luo, Meilian Liang and Zhenchong Li, Computation of Ramsey Numbers $R(C_m, W_n)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **81** (2012) 145-149.

[LuoP1] Zhidan Luo and Yuejian Peng, Ramsey Numbers of Multiple Copies of Stars, *Discrete Mathematics,* **345** (2022) 112801, 8 pages.

[LuoP2] Zhidan Luo and Yuejian Peng, A Large Tree Is tK_m-Good, *Discrete Mathematics,* **346** (2023) 113502, 5 pages.

[-] Zhidan Luo, see also [CheLC, HuLuo].

M

[MaSX] Jie Ma, Wujie Shen and Shengjie Xie, An Exponential Improvement for Ramsey Lower Bounds, *preprint,* http://arxiv.org/abs/2507.12926 (2025).

[Mac]* J. Mackey, Combinatorial Remedies, *Ph.D. thesis,* Department of Mathematics, University of Hawaii, 1994.

[-] W. Macready, see [RanMCG].

[Mad] P. Madarasi, The Ramsey Number of a Long Cycle and Complete Graphs, *preprint,* http://arxiv.org/abs/2003.12691 (2020).

[-] C. Magnant, see [MaoWMS].

[MaOm1] L. Maherani and G.R. Omidi, Around a Conjecture of Erdős on Graph Ramsey Numbers, *preprint,* http://arxiv.org/abs/1211.6287 (2012).

[MaOm2] L. Maherani and G.R. Omidi, Monochromatic Hamiltonian Berge-Cycles in Colored Hypergraphs, *Discrete Mathematics,* **340** (2017) 2043-2052.

[MaORS1] L. Maherani, G.R. Omidi, G. Raeisi and M. Shahsiah, The Ramsey Number of Loose Paths in 3-Uniform Hypergraphs, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P12, **20**(1) (2013), 8 pages.

[MaORS2] L. Maherani, G.R. Omidi, G. Raeisi and M. Shahsiah, On Three-Color Ramsey Number of Paths, *Graphs and Combinatorics,* **31** (2015) 2299-2308.

[MahS] L. Maherani and M. Shahsiah, On Ramsey Numbers of 3-Uniform Berge Cycles, *Discrete Mathematics,* **347** (2024) 113877, 10 pages.

[-] H. Mahon, see [DeMST].

[-] H.R. Maimani, see [HagMa].

[-] Kaushik Majumder, see [GupM].

[MaoWMS] Yaping Mao, Zhao Wang, Colton Magnant and Ingo Schiermeyer, Ramsey and Gallai-Ramsey Number for Wheels, *Graphs and Combinatorics,* **38**:42 (2022), 17 pages.

[-] Yaping Mao, see also [LiMSY, XuWLM, YaoHMZ, ZhouLMW].

[Math]* R. Mathon, Lower Bounds for Ramsey Numbers and Association Schemes, *Journal of Combinatorial Theory,* Series B, **42** (1987) 122-127.

[MatMNV] Sam Mattheus, Dhruv Mubayi, Jiaxi Nie and Jacques Verstraëte, Off-Diagonal Ramsey Numbers for Slowly Growing Hypergraphs, *Random Structures and Algorithms,* **66**:e21284 (2025), 8 pages.

[MatVer] S. Mattheus and J. Verstraëte, The Asymptotics of $r(4, t)$, *Annals of Mathematiccs,* **199**:2 (2024) 919-949.

[-] S. Mattheus, see also [ConMMV].

[-] J.P. Mayberry, see [LayMa].

[McCM]* D. McCarthy and C. Monico, A Mathon-Type Construction for Digraphs and Improved Lower Bounds for Ramsey Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P2.42, **32**(2) (2025), 10 pages.

[-] D. McCarthy, see also [DawMc].

[McDS] C. McDiarmid and A. Steger, Tidier Examples for Lower Bounds on Diagonal Ramsey Numbers, *Journal of Combinatorial Theory,* Series A, **74** (1996) 147-152.

[McK1]** B.D. McKay, Australian National University, *personal communication* (2003+). Graphs available at http://cs.anu.edu.au/people/bdm/data/ramsey.html.

[McK2]** B.D. McKay, A Class of Ramsey-Extremal Hypergraphs, *Transactions on Combinatorics,* **6**(3) (2017) 37-43.

[McK3]** B.D. McKay, Australian National University, *personal communication* (2016).

[MPR]** B.D. McKay, K. Piwakowski and S.P. Radziszowski, Ramsey Numbers for Triangles Versus Almost-Complete Graphs, *Ars Combinatoria,* **73** (2004) 205-214.

[MR1]** B.D. McKay and S.P. Radziszowski, The First Classical Ramsey Number for Hypergraphs is Computed, *Proceedings of the Second Annual ACM-SIAM Symposium on Discrete Algorithms,* SODA'91, San Francisco, (1991) 304-308.

[MR2]* B.D. McKay and S.P. Radziszowski, A New Upper Bound for the Ramsey Number $R(5, 5)$, *Australasian Journal of Combinatorics,* **5** (1992) 13-20.

[MR3]** B.D. McKay and S.P. Radziszowski, Linear Programming in Some Ramsey Problems, *Journal of Combinatorial Theory,* Series B, **61** (1994) 125-132.

[MR4]** B.D. McKay and S.P. Radziszowski, $R(4, 5) = 25$, *Journal of Graph Theory,* **19** (1995) 309-322.

[MR5]** B.D. McKay and S.P. Radziszowski, Subgraph Counting Identities and Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **69** (1997) 193-209.

[McZ]** B.D. McKay and Zhang Ke Min, The Value of the Ramsey Number $R(3, 8)$, *Journal of Graph Theory,* **16** (1992) 99-105.

[-] B.D. McKay, see also [AnM1, AnM2, AnM3, AnM4, FM].

[-] G. McKinley, see [LidMPV].

[McN]** J. McNamara, SUNY Brockport, *personal communication* (1995).

[McR]** J. McNamara and S.P. Radziszowski, The Ramsey Numbers $R(K_4-e, K_6-e)$ and $R(K_4-e, K_7-e)$, *Congressus Numerantium,* **81** (1991) 89-96.

[-] T. Meek, see [BudHMP].

[-] H. Mélot, see [BrCGM].

[MengZZ] Yanjun Meng, Yanbo Zhang and Yunqing Zhang, The Ramsey Number of Wheels Versus a Fan of Order Five, *Ars Combinatoria,* **137** (2018) 365-372.

[MeO] I. Mengersen and J. Oeckermann, Matching-Star Ramsey Sets, *Discrete Applied Mathematics,* **95** (1999) 417-424.

[-] I. Mengersen, see also [ArKM, ClEHMS, EHM1, EHM2, HoMe, HaMe1, HaMe2, HaMe3, HaMe4, KlaM1, KlaM2, KroMe, LoM1, LoM2, LoM3, LoM4, LoM5, LoM6, LoM7, LoM8, LoM9, LoM10].

[-] D. Mergoni Cecchelli, see [AllMRS].

[Mér] A. Méroueh, The Ramsey Number of Loose Cycles Versus Cliques, *Journal of Graph Theory,* **90** (2019) 172-188.

[-] A. Methuku, see [GerMOV].

[-] H. Metrebian, see [DvoMe].

[-] Zhengke Miao, see [ChenCMN].

[-] L. Michel, see [AxCJMR].

[-] M. Michelen, see [CamJMPS, CamJMS].

[-] A. Miller, see [CodFIM].

[-] M. Miller, see [BaSNM].

[-] A. Milojević, see [HunMS].

[MiPal] Tapas Kumar Mishra and Sudebkumar Prasant Pal, Lower Bounds for Ramsey Numbers for Complete Bipartite and 3-Uniform Tripartite Subgraphs, WALCOM 2013, *LNCS* 7748, Springer, Berlin (2013) 257-264. *Journal of Graph Algorithms and Applications,* **17**(6) (2013) 671-688.

[MiSa] H. Mizuno and I. Sato, Ramsey Numbers for Unions of Some Cycles, *Discrete Mathematics,* **69** (1988) 283-294.

[-] B. Mohar, see [LiuMS].

[-] D.B. Mokeev, see [AbdMT].

[-] C. Monico, see [McCM].

[MoCa] E.L. Monte Carmelo, Configurations in Projective Planes and Quadrilateral-Star Ramsey Numbers, *Discrete Mathematics,* **308** (2008) 3986-3991.

[-] E.L. Monte Carmelo, see also [GoMC].

[MonCR] L.P. Montejano, J. Chappelon and J.L. Ramirez Alfonsin, Ramsey for Complete Graphs with a Dropped Edge or a Triangle, *Electronic Notes in Discrete Mathematics,* **62** (2017) 21-25.

[-] L.P. Montejano, see also [ChaMR].

[MonPY1] R. Montgomery, M. Pavez-Signé and Jun Yan, Ramsey Numbers of Bounded Degree Trees Versus General Graphs, *Journal of Combinatorial Theory,* Series B, **173** (2025) 102-145.

[MonPY2] R. Montgomery, M. Pavez-Signé and Jun Yan, Ramsey Numbers of Trees, *preprint,* http://arxiv.org/abs/2509.07934 (2025), 59 pages.

[-] P. Morawski, see [CamFMPP].

[-] L. Moreira, see [BotMdS].

[-] P. Morris, see [AttLM].

[Mor] R. Morris, Some Recent Results in Ramsey Theory, *preprint,* http://arxiv.org/abs/2601.05221 (2026).

[-] R. Morris, see also [BalB+, BolM, CamGMS, FizGM, FizGMSS, GrMFSS].

[MoSST] G.O. Mota, G.N. Sárközy, M. Schacht and A. Taraz, Ramsey Numbers for Bipartite Graphs with Small Bandwidth, *European Journal of Combinatorics,* **48** (2015) 165-176.

[Mub1] D. Mubayi, Improved Bounds for the Ramsey Number of Tight Cycles Versus Cliques, *Combinatorics, Probability and Computing,* **25** (2016) 791-796.

[Mub2] D. Mubayi, Variants of the Erdős-Szekeres and Erdős-Hajnal Ramsey Problems, *European Journal of Combinatorics,* **62** (2017) 197-205.

[MuR] D. Mubayi and V. Rödl, Hypergraph Ramsey Numbers: Tight Cycles Versus Cliques, *Bulletin of the London Mathematical Society,* **48** (2016) 127-134.

[MuSp] D. Mubayi and N. Spanier, K_4^--free Triple Systems Without Large Stars in the Complement, *preprint,* http://arxiv.org/abs/2504.06076 (2025).

[MuSuk1] D. Mubayi and A. Suk, Off-Diagonal Hypergraph Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **125** (2017) 168-177.

[MuSuk2] D. Mubayi and A. Suk, Constructions in Ramsey Theory, *Journal of the London Mathematical Society,* **97** (2018) 247-257.

[MuSuk3] D. Mubayi and A. Suk, New Lower Bounds for Hypergraph Ramsey Numbers, *Bulletin of the London Mathematical Society,* **50** (2018) 189-201.

[MuSuk4] D. Mubayi and A. Suk, A Survey of Hypergraph Ramsey Problems, in *Discrete Mathematics and Applications,* Springer Optimization and Its Applications, Cham, vol. 165 (2020).

[MuSuk5] D. Mubayi and A. Suk, Ramsey Numbers of Cliques Versus Monotone Paths, *European Journal of Combinatorics,* **118** (2024) 103922, 7 pages.

[MuVer] D. Mubayi and J. Verstraëte, A Note on Pseudorandom Ramsey Graphs, *Journal of the European Mathematical Society,* **26**(1) (2024) 153-161.

[-] D. Mubayi, see also [AxFM, AxGLM, ConFG1+, ConFG2+, ConFH+, ConMMV, KosMV1, KosMV2, LaMu, LeMu, MatMNV].

[-] P.R. Mullins, see [LorMu].

[-] S. Musdalifah, see [SuAM, SuAAM].

N

[-] S.M. Nababan, see [BaSNM].

[NaRT]** Ansh Nagda, Prabhakar Raghavan and Abhradeep Thakurta, Reinforced Generation of Combinatorial Structures: Ramsey Numbers, *preprint,* http://arxiv.org/abs/2603.09172 (2026).

[NaORS] B. Nagle, S. Olsen, V. Rödl and M. Schacht, On the Ramsey Number of Sparse 3-Graphs, *Graphs and Combinatorics,* **24** (2008) 205-228.

[Nar]* D. Narváez, Some Multicolor Ramsey Numbers Involving Cycles, *MS thesis,* Department of Computer Science, Rochester Institute of Technology, 2015.

[NaSZ]* David E. Narváez, Cruise Song and Ningxin Zhang, Formalizing Finite Ramsey Theory inb Lean 4, *Proceedings of the 17th International Conference on Intelligent Computer Mathematics,* CICM 2024, Montréal, QC, LNAI 14960, (2024) 91-108.

[-] D. Narváez, see also [JaNR].

[-] W.C.W. Navaratna, see [JaNS].

[-] Ndiamé Ndiaye, see [GuNNW].

[Neš] J. Nešetřil, Ramsey Theory, chapter 25 in *Handbook of Combinatorics,* ed. R.L. Graham, M. Grötschel and L. Lovász, The MIT-Press, Vol. II, 1996, 1331-1403.

[NeOs] J. Nešetřil and P. Ossona de Mendez, Fraternal Augmentations, Arrangeability and Linear Ramsey Numbers, *European Journal of Combinatorics,* **30** (2009) 1696-1703.

[NeRo] J. Nešetřil and M. Rosenfeld, I. Schur, C.E. Shannon and Ramsey Numbers, A Short Story, *Discrete Mathematics,* **229** (2001) 185-195.

[-] J. Nešetřil, see also [GrNe].

[-] C.T. Ng, see [ChenCMN, ChenCNZ, CheCZN].

[-] T. Nguyen, see [BroNN].

[Nie] Jiaxi Nie, On Tight Tree-Complete Hypergraph Ramsey Numbers, *preprint,* http://arxiv.org/abs/2412.19461 (2024).

[NieVer] Jiaxi Nie and Jacques Verstraëte, Ramsey Numbers for Nontrivial Berge Cycles, *SIAM Journal on Discrete Mathematics,* **36**(1) (2022) 10.1137/21M1396770.

[-] Jiaxi Nie, see also [HeNWY, MatMNV].

[Nik] V. Nikiforov, The Cycle-Complete Graph Ramsey Numbers, *Combinatorics, Probability and Computing,* **14** (2005) 349-370.

[NiRo1] V. Nikiforov and C.C. Rousseau, Large Generalized Books Are p-Good, *Journal of Combinatorial Theory,* Series B, **92** (2004) 85-97.

[NiRo2] V. Nikiforov and C.C. Rousseau, Book Ramsey Numbers I, *Random Structures and Algorithms,* **27** (2005) 379-400.

[NiRo3] V. Nikiforov and C.C. Rousseau, A Note on Ramsey Numbers for Books, *Journal of Graph Theory,* **49** (2005) 168-176.

[NiRo4] V. Nikiforov and C.C. Rousseau, Ramsey Goodness and Beyond, *Combinatorica,* **29** (2009) 227-262.

[NiRS] V. Nikiforov, C.C. Rousseau and R.H. Schelp, Book Ramsey Numbers and Quasi-Randomness, *Combinatorics, Probability and Computing,* **14** (2005) 851-860.

[-] Bo Ning, see [HuL+, LiNing1, LiNing2].

[NoSZ] S. Norin, Yue Ru Sun and Yi Zhao, Asymptotics of Ramsey Numbers of Double Stars, *preprint,* http://arxiv.org/abs/1605.03612 (2016).

[-] S. Norin, see also [GuNNW].

[NoBa]* E. Noviani and E.T. Baskoro, On the Ramsey Number of 4-Cycle Versus Wheel, *Indonesian Journal of Combinatorics,* **1** (2016) 9-21.

[-] A. Nowik, see [DzNS].

[-] E. Nystrom, see [BroNN].

O

[-] J. Oeckermann, see [MeO].

[-] F. Oktariani, see [SherBSO, SherSBO].

[-] S. Olsen, see [NaORS].

[OmRa1] G.R. Omidi and G. Raeisi, On Multicolor Ramsey Number of Paths Versus Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P24, **18**(1) (2011), 16 pages.

[OmRa2] G.R. Omidi and G. Raeisi, A Note on the Ramsey Number of Stars - Complete Graphs, European Journal of Combinatorics, **32** (2011) 598-599.

[OmRa3] G.R. Omidi and G. Raeisi, Ramsey Numbers for Multiple Copies of Hypergraphs, *Graphs and Combinatorics,* **40**:133 (2024), 12 pages.

[OmRR] G.R. Omidi, G. Raeisi and Z. Rahimi, Star Versus Stripes Ramsey Numbers, *European Journal of Combinatorics,* **67** (2018) 268-274.

[OmSh1] G.R. Omidi and M. Shahsiah, Ramsey Numbers of 3-Uniform Loose Paths and Loose Cycles, *Journal of Combinatorial Theory,* Series A, **121** (2014) 64-73.

[OmSh2] G.R. Omidi and M. Shahsiah, Diagonal Ramsey Numbers of Loose Cycles in Uniform Hypergraphs, *SIAM Journal on Discrete Mathematics,* **31** (2017) 1634-1669.

[OmSh3] G.R. Omidi and M. Shahsiah, Ramsey Numbers of 4-Uniform Loose Cycles, *Discrete Applied Mathematics,* **230** (2017) 112-120.

[OmSh4] G.R. Omidi and M. Shahsiah, Ramsey Numbers of Uniform Loose Paths and Cycles, *Discrete Mathematics,* **340** (2017) 1426-1434.

[-] G.R. Omidi, see also [GerMOV, MaOm1, MaOm2, MaORS1, MaORS2].

[-] T. Onozuka, see [KaOS].

[-] E. Oren-Dahan, see [BalDO].

[-] P. Ossona de Mendez, see [NeOs].

[-] D. Osthus, see [CooFKO1, CooFKO2, KüCFO].

[Osu] M. Osumi, Ramsey Numbers of Trails, *IEICE Transactions on Fundamentals of Electronics, Communications and Computers,* **E105-A**(9) (2022) 1235-1240.

P

[-] J. Pach, see [FoxPS1, FoxPS2].

[-] S.P. Pal, see [MiPal].

[Pálv] D. Pálvölgyi, Exponential Lower Bound for Berge-Ramsey Problems, *Graphs and Combinatorics,* **37** (2021) 1433-1435.

[-] Linqiang Pan, see [ShaXBP, ShaXSP].

[Par1] T.D. Parsons, The Ramsey Numbers $r(P_m, K_n)$, *Discrete Mathematics,* **6** (1973) 159-162.

[Par2] T.D. Parsons, Path-Star Ramsey Numbers, *Journal of Combinatorial Theory,* Series B, **17** (1974) 51-58.

[Par3] T.D. Parsons, Ramsey Graphs and Block Designs, I, *Transactions of the American Mathematical Society,* **209** (1975) 33-44.

[Par4] T.D. Parsons, Ramsey Graphs and Block Designs, *Journal of Combinatorial Theory,* Series A, **20** (1976) 12-19.

[Par5] T.D. Parsons, Graphs from Projective Planes, *Aequationes Mathematica,* **14** (1976) 167-189.

[Par6] T.D. Parsons, Ramsey Graph Theory, in *Selected Topics in Graph Theory,* (L.W. Beineke and R.J. Wilson eds.), Academic Press, (1978) 361-384.

[-] T.D. Parsons, see also [FLPS].

[-] Dhruv Patel, see [BaLL+].

[Pau]* Lawrence C. Paulson, Formalising New Mathematics in Isabelle: Diagonal Ramsey, *16th International Conference on Interactive Theorem Proving,* ITP 2025, LIPICS Dagstuhl Publishing, article #18, 18 pages.

[PavPS] M. Pavez-Signé, S. Piga and N. Sanhueza-Matamala, Ramsey Numbers with Prescribed Rate of Growth, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.24, **30**(3) (2023), 11 pages.

[-] M. Pavez-Signé, see also [AllBP, MonPY1, MonPY2].

[PeiLi] Chaoping Pei and Yusheng Li, Ramsey Numbers Involving a Long Path, *Discrete Mathematics,* **339** (2016) 564-570.

[PeiCLY] Chaoping Pei, Ming Chen, Yusheng Li and Pei Yu, Ramsey Good Graphs with Long Suspended Paths, *Graphs and Combinatorics,* **34** (2018) 759-767.

[-] T. Pellerin, see [AgCP+].

[-] Fei Peng, see [BohP].

[Peng] Xing Peng, The Ramsey Number of Generalized Loose Paths in Hypergraphs, *Discrete Mathematics,* **339** (2016) 539-546.

[-] Xing Peng, see also [DouLLP, HuL+, LiLP, LinP].

[-] Yuejian Peng, see [GuoHP, HaŁP1+, HaŁP2+, HuPZ, HuP1, HuP2, LuoP1, LuoP2, YanP].

[-] A. Penland, see [BudHMP, BudHP, BudPe].

[-] Y. Person, see [JoPe].

[-] K. Petrova, see [CamFMPP].

[-] F. Pfender, see [CamJMPS, HeHKP, LidP, LidMPV].

[Pfe] V. Pfenninger, On k-uniform Tight Cycles: the Ramsey Number for $C_{kn}^{(k)}$ and an Approximate Lehel's Conjecture, *Combinatorica,* **45** (2025), article #47, 22 pages.

[-] V. Pfenninger, see also [LoPfe].

[-] S. Piga, see [PavPS].

[-] O. Pikhurko, see [BePi].

[Piw1]* K. Piwakowski, Applying Tabu Search to Determine New Ramsey Graphs, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R6, **3**(1) (1996), 4 pages. The lower bounds presented in this paper have been improved.

[Piw2]** K. Piwakowski, A New Upper Bound for $R_3(K_4-e)$, *Congressus Numerantium,* **128** (1997) 135-141.

[PR1]** K. Piwakowski and S.P. Radziszowski, $30 \le R(3,3,4) \le 31$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **27** (1998) 135-141.

[PR2]** K. Piwakowski and S.P. Radziszowski, Towards the Exact Value of the Ramsey Number $R(3,3,4)$, *Congressus Numerantium,* **148** (2001) 161-167.

[-] K. Piwakowski, see also [MPR, DzKP].

[-] C. Pohoata, see [CamP].

[Pokr] A. Pokrovskiy, Calculating Ramsey Numbers by Partitioning Coloured Graphs, *Journal of Graph Theory,* **84** (2017) 477-500.

[PoSu1] A. Pokrovskiy and B. Sudakov, Ramsey Goodness of Paths, *Journal of Combinatorial Theory,* Series B, **122** (2017) 384-390.

[PoSu2] A. Pokrovskiy and B. Sudakov, Ramsey Goodness of Cycles, *SIAM Journal on Discrete Mathematics,* **34** (2020) 1884-1908.

[-] A. Pokrovskiy, see also [BalPS, CamFMPP].

[Pol] J. Polcyn, One More Turán Number and Ramsey Number for the Loose 3-Uniform Path of Length Three, *Discussiones Mathematicae Graph Theory,* **37** (2017) 443-464.

[PoRRS] J. Polcyn, V. Rödl, A. Ruciński and E. Szemerédi, Short Paths in Quasi-Random Triple Systems with Sparse Underlying Graphs, *Journal of Combinatorial Theory,* Series B, **96** (2006) 584-607.

[PoRu] J. Polcyn and A. Ruciński, Refined Turán Numbers and Ramsey Numbers for the Loose 3-Uniform Path of Length Three, *Discrete Mathematics,* **340** (2017) 107-118.

[-] J. Polcyn, see also [AllŁPZ, HanPR, JacPR, ŁuPo1, ŁuPo2, ŁuPR].

[-] A.D. Polimeni, see [ChaGP, ChaRSPS].

[-] Y. Portella, see [AgCP+].

[-] J.R. Portillo, see [BoPo].

[-] R. Prange, see [BudPra].

[-] H. Privette, see [BudPri].

[-] L.M. Pretorius, see [SwPr].

[PuRS] P. Pudlák, V. Rödl and M. Sales, On the Ramsey Numbers of Daisies I, *Combinatorics, Probability and Computing,* **33** (2024) 795-806.

[PuRW] P. Pudlák, V. Rödl and W. Wesley, A Lower Bound on the Ramsey Number $R_k(k+1, k+1)$, *preprint,* http://arxiv.org/abs/2412.16637 (2024).

[-] P. Pudlák, see also [AlPu, CoPR, KosPR, LauPRT].

Q

[-] Jianguo Qian, see [WaQi].

[-] Qian Xinjin, see [SonGQ].

Ra - Re

[-] A.M.M. Rabaiah, see [JaBVR].

[Ra1]** S.P. Radziszowski, The Ramsey Numbers $R(K_3, K_8-e)$ and $R(K_3, K_9-e)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **8** (1990) 137-145.

[Ra2] S.P. Radziszowski, Small Ramsey Numbers, *Technical Report RIT-TR-93-009,* Department of Computer Science, Rochester Institute of Technology, 1993.

[Ra3]** S.P. Radziszowski, On the Ramsey Number $R(K_5-e, K_5-e)$, *Ars Combinatoria,* **36** (1993) 225-232.

[Ra4] S.P. Radziszowski, Ramsey Numbers Involving Cycles, in *Ramsey Theory: Yesterday, Today and Tomorrow* (ed. A. Soifer), Progress in Mathematics 285, Springer-Birkhauser 2011, 41-62.

[RaJi] S.P. Radziszowski and Jin Xia, Paths, Cycles and Wheels in Graphs without Antitriangles, *Australasian Journal of Combinatorics,* **9** (1994) 221-232.

[RaK1]* S.P. Radziszowski and D.L. Kreher, Search Algorithm for Ramsey Graphs by Union of Group Orbits, *Journal of Graph Theory,* **12** (1988) 59-72.

[RaK2]** S.P. Radziszowski and D.L. Kreher, On $R(3, k)$ Ramsey Graphs: Theoretical and Computational Results, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **4** (1988) 37-52.

[RaK3]** S.P. Radziszowski and D.L. Kreher, Upper Bounds for Some Ramsey Numbers $R(3, k)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **4** (1988) 207-212.

[RaK4] S.P. Radziszowski and D.L. Kreher, Minimum Triangle-Free Graphs, *Ars Combinatoria,* **31** (1991) 65-92.

[RaT]* S.P. Radziszowski and Kung-Kuen Tse, A Computational Approach for the Ramsey Numbers $R(C_4, K_n)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **42** (2002) 195-207.

[RaST]* S.P. Radziszowski, J. Stinehour and Kung-Kuen Tse, Computation of the Ramsey Number $R(W_5, K_5)$, *Bulletin of the Institute of Combinatorics and its Applications,* **47** (2006) 53-57.

[-] S.P. Radziszowski, see also [BaRT, BlLR, BoRa, CalSR, DyDR, FeKR, GoeR1, GoeR2, HasHR, JaNR, KrLR, LaLR, LiaRX, MPR, MR1, MR2, MR3, MR4, MR5, McR, PR1, PR2, ShWR, WuSR, WuSZR, XuR1, XuR2, XuR3, XuR4, XSR1, XSR2, XXER, XuXR, ZhuXR].

[RaeZ] G. Raeisi and A. Zaghian, Ramsey Number of Wheels Versus Cycles and Trees, *Canadian Mathematical Bulletin,* **59** (2016) 190-196.

[-] G. Raeisi, see also [GyRa, KamRa1, KamRa2, MaORS1, MaORS2, OmRa1, OmRa2, OmRa3, OmRR].

[-] Arash Rafiey, see [BeHHRS].

[-] Prabhakar Raghavan, see [NaRT].

[-] Z. Rahimi, see [OmRR].

[-] J.L. Ramirez Alfonsin, see [ChaMR, MonCR].

[Ram] F.P. Ramsey, On a Problem of Formal Logic, *Proceedings of the London Mathematical Society,* **30** (1930) 264-286.

[RanMCG]* M. Ranjbar, W. Macready, L. Clark and F. Gaitan, Generalized Ramsey Numbers through Adiabatic Quantum Optimization, *Quantum Information Processing,* **15** (2016) 3519-3542.

[-] A. Rao, see [BarRSW].

[Rao]* S. Rao, Applying a Genetic Algorithm to Improve the Lower Bounds of Multi-Color Ramsey Numbers, *MS thesis,* Department of Computer Science, Rochester Institute of Technology, 1997.

[-] A. Rapp, see [BudHR1, BudHR2].

[-] E. Rauer, see [JamKR].

[ReWi] R.C. Read and R.J. Wilson, *An Atlas of Graphs,* Clarendon Press, Oxford, 1998.

[-] G. Resta, see [CoPR].

[-] M.P. Revuelta, see [BoCGR].

[-] S.W. Reyner, see [BurR].

[-] D.F. Reynolds, see [ExRe].

[-] Alex Rice, see [BaLL+].

[-] A. Rimmel, see [AgCP+].

Ro - Ru

[Rob] B. Roberts, Ramsey Numbers of Connected Clique Matchings, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P1.36, **24** (2017), 7 pages.

[-] B. Roberts, see also [AllMRS, DavJR].

[Rob1] F.S. Roberts, *Applied Combinatorics,* Prentice-Hall, Englewood Cliffs, 1984.

[-] J.A. Roberts, see [BuRo1, BuRo2].

[-] S. Roberts, see [GR].

[Rob2]* A. Robertson, New Lower Bounds for Some Multicolored Ramsey Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R12, **6** (1999), 6 pages.

[Rob3]* A. Robertson, Difference Ramsey Numbers and Issai Numbers, *Advances in Applied Mathematics,* **25** (2000) 153-162.

[Rob4] A. Robertson, New Lower Bounds Formulas for Multicolored Ramsey Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R13, **9** (2002), 6 pages.

[-] A. Robertson, see also [LaRo].

[-] Y. Roditty, see [KrRod].

[RöTh] V. Rödl and R. Thomas, Arrangeability and Clique Subdivisions, in *The Mathematics of Paul Erdős II,* 236-239, Algorithms and Combinatorics **14**, Springer, Berlin, 1997.

[-] V. Rödl, see also [AlRö, ChRST, ConFR, DuLR, GrRö, GRR1, GRR2, HaŁP1+, HaŁP2+, KosPR, KoRö1, KoRö2, KoRö3, LauPRT, MuR, NaORS, PoRRS, PuRS, PuRW].

[-] L. Rónyai, see [AlRóS].

[-] M. Rosenfeld, see [NeRo].

[Ros1] V. Rosta, On a Ramsey Type Problem of J.A. Bondy and P. Erdős, I & II, *Journal of Combinatorial Theory,* Series B, **15** (1973) 94-120.

[Ros2] V. Rosta, Ramsey Theory Applications, Dynamic Survey in *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #DS13, (2004), 43 pages.

[-] V. Rosta, see also [BuRo3, KáRos].

[-] B.L. Rothschild, see [GRS].

[Rou] C.C. Rousseau, *personal communication* (2006).

[RoJa1] C.C. Rousseau and C.J. Jayawardene, The Ramsey Number for a Quadrilateral vs. a Complete Graph on Six Vertices, *Congressus Numerantium,* **123** (1997) 97-108.

[RoJa2] C.C. Rousseau and C.J. Jayawardene, Harary's Problem for $K_{2,k}$, *manuscript* (1999).

[RoS1] C.C. Rousseau and J. Sheehan, On Ramsey Numbers for Books, *Journal of Graph Theory,* **2** (1978) 77-87.

[RoS2] C.C. Rousseau and J. Sheehan, A Class of Ramsey Problems Involving Trees, *Journal of the London Mathematical Society (2),* **18** (1978) 392-396.

[-] C.C. Rousseau, see also [BolJY+, BEFRS1, BEFRS2, BEFRS3, BEFRS4, BEFRSGJ, BFRS, CaLRZ, ChaRSPS, EFRS1, EFRS2, EFRS3, EFRS4, EFRS5, EFRS6, EFRS7, EFRS8, EFRS9, FRS1, FRS2, FRS3, FRS4, FRS5, FRS6, FRS7, FRS8, FRS9, FSR, JR1, JR2, JR3, JR4, JR5, JRB, LiR1, LiR2, LiR3, LiR4, LiRS, LiRZ1, LiRZ2, NiRo1, NiRo2, NiRo3, NiRo4, NiRS].

[-] C. Rowan, see [KerRo].

[Row1]* F. Rowley, Constructive Lower Bounds for Ramsey Numbers from Linear Graphs, *Australasian Journal of Combinatorics,* **68** (2017) 385-395.

[Row2]* F. Rowley, Some Further Results in Ramsey Graph Construction, *Australasian Journal of Combinatorics,* **78** (2020) 1-10.

[Row3]* F. Rowley, A Generalised Linear Ramsey Graph Construction, *Australasian Journal of Combinatorics,* **81**(2) (2021) 245-256.

[Row4]* F. Rowley, An Improved Lower Bound for $S(7)$ and Some Interesting Templates, *preprint,* http://arxiv.org/abs/2107.03560 (2021).

[Row5]* F. Rowley, Improved Lower Bounds for Multicolor Ramsey Numbers Using SAT-Solvers, *preprint,* http://arxiv.org/abs/2203.13476 (2022).

[-] P. Rowlinson, see [YR1, YR2, YR3].

[Rub] M. Rubey, Technische Universität Wien, an electronic resource for values of small Ramsey numbers, http://www.findstat.org/StatisticsDatabase/St000479, 2016.

[-] A. Ruciński, see [DuRu, HanPR, JacPR, GRR1, GRR2, HaŁP1+, HaŁP2+, ŁuPR, PoRRS, PoRu].

[-] Mathieu Rundström, see [AxCJMR].

[RuoS] Jake Ruotolo and Zi-Xia Song, Multicolor Ramsey Number for Double Stars, *Discrete Mathematics,* **347** (2024) 114034, 9 pages.

[-] M. Ruszinkó, see [GyRSS].

Sa - Se

[-] Reza Saei, see [BeHHRS, BeHHS].

[Sah] Ashwin Sah, Diagonal Ramsey via Effective Quasirandomness, *Duke Mathematical Journal,* **172**(3) (2023) 545-567.

[-] J. Sahasrabudhe, see [BalB+, CamGMS, CamJMPS, CamJMS].

[-] M. Salerno, see [JiSa].

[Sal] M. Sales, On the Ramsey Number of Daisies II, *preprint,* http://arxiv.org/abs/2211.10385 (2024).

[-] M. Sales, see also [PuRS].

[SaTWZ] N. Salia, C. Tompkins, Zhiyu Wang and O. Zamora, Ramsey Numbers of Berge-Hypergraphs and Related Structures, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P4.40, **26**(4) (2019), 25 pages.

[SaBr1] A.N.M. Salman and H.J. Broersma, The Ramsey Numbers of Paths Versus Kipases, *Electronic Notes in Discrete Mathematics,* **17** (2004) 251-255.

[SaBr2] A.N.M. Salman and H.J. Broersma, Paths-Fan Ramsey Numbers, *Discrete Applied Mathematics,* **154** (2006) 1429-1436.

[SaBr3] A.N.M. Salman and H.J. Broersma, The Ramsey Numbers for Paths Versus Wheels, *Discrete Mathematics,* **307** (2007) 975-982.

[SaBr4] A.N.M. Salman and H.J. Broersma, Path-Kipas Ramsey Numbers, *Discrete Applied Mathematics,* **155** (2007) 1878-1884.

[-] A.N.M. Salman, see also [HaABS].

[-] P. San Segundo, see [FuLS].

[Sán] A. Sánchez-Flores, An Improved Bound for Ramsey Number $N(3,3,3,3;2)$, *Discrete Mathematics,* **140** (1995) 281-286.

[-] C. Sanford, see [BudHLS].

[Sanh] N. Sanhueza-Matamala, Stability and Ramsey Numbers for Cycles and Wheels, *Discrete Mathematics,* **339** (2016) 1557-1565.

[-] N. Sanhueza-Matamala, see also [PavPS].

[-] Suhadi Wido Saputro, see [SherBSO, SherSBO].

[Sár1] G.N. Sárközy, Monochromatic Cycle Partitions of Edge-Colored Graphs, *Journal of Graph Theory,* **66** (2011) 57-64.

[Sár2] G.N. Sárközy, On the Multi-Colored Ramsey Numbers of Paths and Even Cycles, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.53, **23**(3) (2016), 9 pages.

[Sár3] G.N. Sárközy, Improved Monochromatic Double Stars in Edge Colorings, *Graphs and Combinatorics,* **38**:78 (2022), 10 pages.

[-] G.N. Sárközy, see also [DeBGS, GyLSS, GyRSS, GySá1, GySá2, GySá3, GySS1, GySS2, MoSST].

[-] I. Sato, see [MiSa].

[Saw] Will Sawin, An Improved Lower Bound for Multicolor Ramsey Numbers and A Problem of Erdős, *Journal of Combinatorial Theory,* Series A, **188** (2022) 105579, 11 pages.

[-] D. Saxton, see [FizGMSS, GrMFSS].

[-] M. Schacht, see [MoSST, NaORS].

[Scha] M. Schaefer, Graph Ramsey Theory and the Polynomial Hierarchy, *Journal of Computer and System Sciences,* **62** (2001) 290-322.

[-] R.H. Schelp, see [BalLS, BalSS, BEFRS1, BEFRS2, BEFRS3, BEFRS4, BEFRSGJ, BEFS, BFRS, ChenS, EFRS1, EFRS2, EFRS3, EFRS4, EFRS5, EFRS6, EFRS7, EFRS8, EFRS9, FLPS, FRS1, FRS2, FRS3, FRS4, FRS5, FRS6, FS1, FS2, FS3, FS4, FSR, FSS1, FSS2, GyLSS, NiRS].

[SchSch1]* A. Schelten and I. Schiermeyer, Ramsey Numbers $r(K_3, G)$ for Connected Graphs G of Order Seven, *Discrete Applied Mathematics,* **79** (1997) 189-200.

[SchSch2] A. Schelten and I. Schiermeyer, Ramsey Numbers $r(K_3, G)$ for $G \cong K_7 - 2P_2$ and $G \cong K_7 - 3P_2$, *Discrete Mathematics,* **191** (1998) 191-196.

[-] A. Schelten, see also [FSS3].

[Schi1] I. Schiermeyer, All Cycle-Complete Graph Ramsey Numbers $r(C_m, K_6)$, *Journal of Graph Theory,* **44** (2003) 251-260.

[Schi2] I. Schiermeyer, The Cycle-Complete Graph Ramsey Number $r(C_5, K_7)$, *Discussiones Mathematicae Graph Theory,* **25** (2005) 129-139.

[-] I. Schiermeyer, see also [FSS3, LiSch, LiMSY, MaoWMS, SchSch1, SchSch2].

[-] J.C. Schlage-Puchta, see [BrGS].

[-] A. Schneider, see [AlmHS].

[-] J. Schönheim, see [BiaS].

[Schu] C.-U. Schulte, Ramsey-Zahlen für Bäume und Kreise, *Ph.D. thesis,* Heinrich-Heine-Universität Düsseldorf, (1992).

[-] D. Schuricht, see [WoGKSF].

[-] M.J. Schuster, see [CalSR].

[-] S. Schuster, see [ChaS].

[-] A. Schwenk, see [ChvS].

[Scob] M.W. Scobee, On the Ramsey Number $R(m_1P_3, m_2P_3, m_3P_3)$ and Related Results, ..., *MA thesis,* University of Louisville (1993).

[-] Alex Scott, see [AhS].

[-] A. Sebő, see [GySeT].

[-] R.J. Segedin, see [LorSe].

[-] J.N. Senadheera, see [JaNS].

Sh

[Shah] M. Shahsiah, Ramsey Numbers of 5-Uniform Loose Cycles, *Graphs and Combinatorics,* **38**:5 (2022), 23 pages.

[-] M. Shahsiah, see also [MaORS1, MaORS2, MahS, OmSh1, OmSh2, OmSh3, OmSh4].

[-] R. Shaltiel, see [BarRSW].

[Shao]* Zehui Shao, *personal communication* (2008).

[ShaoWX]* Shao Zehui, Wang Zicheng and Xiao Jianhua, Lower Bounds for Ramsey Numbers Based on Simulated Annealing Algorithm (in Chinese), *Computer Engineering and Applications,* **45** (2009) 70-71.

[ShaXBP]* Zehui Shao, Jin Xu, Qiquan Bao and Linqiang Pan, Computation of Some Generalized Ramsey Numbers, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **75** (2010) 217-228.

[ShaXB]* Zehui Shao, Xiaodong Xu and Qiquan Bao, On the Ramsey Numbers $R(C_m, B_n)$, *Ars Combinatoria,* **94** (2010) 265-271.

[ShaXSP]* Zehui Shao, Xiaodong Xu, Xiaolong Shi and Linqiang Pan, Some Three-Color Ramsey Numbers $R(P_4, P_5, C_k)$ and $R(P_4, P_6, C_k)$, *European Journal of Combinatorics,* **30** (2009) 396-403.

[-] Zehui Shao, see also [SunSh, XSR1, XSR2].

[Shas] A. Shastri, Lower Bounds for Bi-Colored Quaternary Ramsey Numbers, *Discrete Mathematics,* **84** (1990) 213-216.

[She1] J.B. Shearer, A Note on the Independence Number of Triangle-Free Graphs, *Discrete Mathematics,* **46** (1983) 83-87.

[She2]* J.B. Shearer, Lower Bounds for Small Diagonal Ramsey Numbers, *Journal of Combinatorial Theory,* Series A, **42** (1986) 302-304.

[She3] J.B. Shearer, A Note on the Independence Number of Triangle-Free Graphs II, *Journal of Combinatorial Theory,* Series B, **53** (1991) 300-307.

[She4]* J.B. Shearer, Independence Numbers of Paley Graphs (data for primes 1 mod 4 up to 7000), http://www.research.ibm.com/people/s/shearer/indpal.html (1996).

[-] J. Sheehan, see [ChaRSPS, ClEHMS, FRS7, FRS8, FRS9, FSS1, RoS1, RoS2].

[-] Jian Shen, see [LiShen, LinLS].

[-] Wujie Shen, see [MaSX].

[-] Shen Yun-Qiu, see [LuSS1, LuSS2].

[-] Sheng Wancheng, see [HWSYZH].

[SherBSO] I. Sherlin, E.T. Baskoro, S.W. Saputro and F. Oktariani, On the Ramsey Numbers for Trees Versus Fans, *Journal of Information Processing,* **33** (2025) 1025-1032.

[SherSBO] I. Sherlin, S.W. Saputro, E.T. Baskoro and F. Oktariani, On Ramsey Numbers for Trees Versus Fans of Even Order, *Indonesian Journal of Combinatorics,* **8**(1) (2024) 13-25.

[ShWR]* D. Shetler, M. Wurtz and S.P. Radziszowski, On Some Multicolor Ramsey Numbers Involving K_3+e and K_4-e, *SIAM Journal on Discrete Mathematics,* **26** (2012) 1256-1264.

[-] Shi Lei, see [SunYJLS].

[Shi1] Lingsheng Shi, Cube Ramsey Numbers Are Polynomial, *Random Structures and Algorithms,* **19** (2001) 99-101.

[Shi2] Lingsheng Shi, Upper Bounds for Ramsey Numbers, *Discrete Mathematics,* **270** (2003) 251-265.

[Shi3] Lingsheng Shi, Linear Ramsey Numbers of Sparse Graphs, *Journal of Graph Theory,* **50** (2005) 175-185.

[Shi4] Lingsheng Shi, The Tail Is Cut for Ramsey Numbers of Cubes, *Discrete Mathematics,* **307** (2007) 290-292.

[Shi5] Lingsheng Shi, Ramsey Numbers of Long Cycles Versus Books or Wheels, *European Journal of Combinatorics,* **31** (2010) 828-838.

[ShZ1] Shi Ling Sheng and Zhang Ke Min, An Upper Bound Formula for Ramsey Numbers, *manuscript* (2001).

[ShZ2] Shi Ling Sheng and Zhang Ke Min, A Sequence of Formulas for Ramsey Numbers, *manuscript* (2001).

[-] Xiaolong Shi, see [ShaXSP].

[-] Yongtang Shi, see [LiuMS].

[ShiuLL] Shiu Wai Chee, Peter Che Bor Lam and Li Yusheng, On Some Three-Color Ramsey Numbers, *Graphs and Combinatorics,* **19** (2003) 249-258.

Si - St

[Sid1] A.F. Sidorenko, On Turán Numbers $T(n, 5, 4)$ and Number of Monochromatic 4-cliques in 2-colored 3-graphs (in Russian), *Voprosy Kibernetiki,* **64** (1980) 117-124.

[Sid2] A.F. Sidorenko, An Upper Bound on the Ramsey Number $R(K_3, G)$ Depending Only on the Size of the Graph G, *Journal of Graph Theory,* **15** (1991) 15-17.

[Sid3] A.F. Sidorenko, The Ramsey Number of an N-Edge Graph Versus Triangle Is at Most $2N+1$, *Journal of Combinatorial Theory,* Series B, **58** (1993) 185-196.

[-] M. Simonovits, see [AjKSS, BalSS, FSS2, FaSi, HaŁP1+, KoSS1, KoSS2, ŁucSS].

[-] F. Simutis, see [DeMST].

[-] Sakshi Singh, see [BaLL+].

[-] J. Skokan, see [AllBS, AllMRS, BalCSW, BenSk, FizGMSS, GrMFSS, HaŁP1+, HaŁP2+, JenSk, KeeLS, KoSS1, KoSS2, ŁucSS].

[Slo] Leila Sloman, A Very Big Small Leap Forward in Graph Theory (May), The Lawlessness of Large Numbers (July), essays in *Quanta Magazine,* May/July 2023.

[-] S. Smorodinsky, see [JaKSY].

[-] M.J. Smuga-Otto, see [AbbS].

[Sob] A. Sobczyk, Euclidian Simplices and the Ramsey Number $R(4,4;3)$, *Technical Report #10, Clemson University* (1967).

[Soi1] A. Soifer, *The Mathematical Coloring Book, Mathematics of Coloring and the Colorful Life of Its Creators,* Springer 2009.

[Soi2] A. Soifer, *Ramsey Theory: Yesterday, Today and Tomorrow,* Progress in Mathematics 285, Springer-Birkhauser 2011.

[Soi3] A. Soifer, *The New Mathematical Coloring Book, Mathematics of Coloring and the Colorful Life of Its Creators,* Springer 2024.

[-] W. Solomon, see [LorSo].

[-] L. Soltés, see [LiRS].

[-] Cruise Song, see [NaSZ].

[Song1] Song En Min, Study of Some Ramsey Numbers (in Chinese), a note (announcement of results without proofs), *Mathematica Applicata,* **4**(2) (1991) 6.

[Song2] Song En Min, New Lower Bound Formulas for the Ramsey Numbers $N(k,k,...,k;2)$ (in Chinese), *Mathematica Applicata,* **6** (1993) suppl., 113-116.

[Song3] Song En Min, An Investigation of Properties of Ramsey Numbers (in Chinese), *Mathematica Applicata,* **7** (1994) 216-221.

[Song4] Song En Min, Properties and New Lower Bounds of the Ramsey Numbers $R(p, q;4)$ (in Chinese), *Journal of Huazhong University of Science and Technology,* **23** (1995) suppl. II, 1-4.

[SonYL] Song En Min, Ye Weiguo and Liu Yanwu, New Lower Bounds for Ramsey Number $R(p, q;4)$, *Discrete Mathematics,* **145** (1995) 343-346.

[-] Song En Min, see also [HuSo, ZLLS].

[Song5] Song Hongxue, Asymptotic Upper Bounds for Wheel-Complete Graph Ramsey Numbers, *Journal of Southeast University* (English Edition), ISSN 1003-7985, **20** (2004) 126-129.

[Song6] Song Hongxue, A Ramsey Goodness Result for Graphs with Large Pendent Trees, *Journal of Mathematical Study (China),* **42** (2009) 36-39.

[Song7] Song Hong-xue, Asymptotic Upper Bounds for K_2+T_m : Complete Graph Ramsey Numbers, *Journal of Mathematics (China),* **30** (2010) 797-802.

[Song8] Song Hongxue, Asymptotic Lower Bounds of Ramsey Numbers for r-Uniform Hypergraphs, *Advances in Mathematics, China,* **40** (2011) 179-186.

[Song9] Hongxue Song, Asymptotic Upper Bounds for $K_{1,m,k}$: Complete Graph Ramsey Numbers, *Ars Combinatoria,* **111** (2013) 137-144.

[SonBL] Song Hong Xue, Bai Lu Feng and Liu Shu Yan, Asymptotic Upper Bounds for the Wheel-Complete Graph Ramsey Numbers (in Chinese), *Acta Mathematica Scientia, Series A,* ISSN 1003-3998, **26** (2006) 741-746.

[SonGQ] Song Hongxue, Gu Hua and Qian Xinjin, On the Ramsey Number of K_3 Versus K_2+T_n (in Chinese), *Journal of Liaoning Normal University, Natural Science Edition,* ISSN 1000-1735, **27** (2004) 142-145.

[SonLi] Song Hongxue and Li Yusheng, Asymptotic Lower Bounds of Ramsey Numbers for 4-Uniform Hypergraphs (in Chinese), *Journal of Nanjing University Mathematical Biquarterly,* **26** (2009) 216-224.

[-] Song Hongxue, see also [GuSL].

[-] Shixi Song, see [LinS].

[-] Zi-Xia Song, see [RuoS].

[-] N. Spanier, see [MuSp].

[-] J.P. de Souza, see [BotMdS].

[Spe1] J.H. Spencer, Ramsey's Theorem - A New Lower Bound, *Journal of Combinatorial Theory,* Series A, **18** (1975) 108-115.

[Spe2] J.H. Spencer, Asymptotic Lower Bounds for Ramsey Functions, *Discrete Mathematics,* **20** (1977) 69-76.

[Spe3] J.H. Spencer, Eighty Years of Ramsey $R(3, k)$ ... and Counting! in *Ramsey Theory: Yesterday, Today and Tomorrow* (ed. A. Soifer), Progress in Mathematics 285, Springer-Birkhauser 2011, 27-39.

[-] J.H. Spencer, see also [BES, GRS].

[-] T.S. Spencer, see [BahS].

[Spe4]* T. Spencer, University of Nebraska at Omaha, *personal communication* (1993), and, Upper Bounds for Ramsey Numbers via Linear Programming, *manuscript* (1994).

[-] A.K. Srivastava, see [GauST].

[Stahl] S. Stahl, On the Ramsey Number $R(F, K_m)$ where F is a Forest, *Canadian Journal of Mathematics,* **27** (1975) 585-589.

[-] R.G. Stanton, see [KaSt].

[Stat] W. Staton, Some Ramsey-type Numbers and the Independence Ratio, *Transactions of the American Mathematical Society,* **256** (1979) 353-370.

[-] A. Steger, see [McDS].

[-] Maya Stein, see [FloS].

[-] J. Stinehour, see [RaST].

[Stev] S. Stevens, Ramsey Numbers for Stars Versus Complete Multipartite Graphs, *Congressus Numerantium,* **73** (1990) 63-71.

[-] M.J. Stewart, see [ChaRSPS].

[Stone] J.C. Stone, Utilizing a Cancellation Algorithm to Improve the Bounds of $R(5, 5)$, (1996). This paper claimed incorrectly that $R(5,5)=50$.

Su - Sul

[-] Pascal Su, see [KniSu].

[SuL]* Su Wenlong and Luo Haipeng, Prime Order Cyclic Graphs and New Lower Bounds for Three Classical Ramsey Numbers $R(4, n)$ (in Chinese), *Journal of Mathematical Study,* **31**, 4 (1998) 442-446.

[SuLL]* Su Wenlong, Luo Haipeng and Li Qiao, New Lower Bounds of Classical Ramsey Numbers $R(4, 12)$, $R(5, 11)$ and $R(5, 12)$, *Chinese Science Bulletin,* **43**, 6 (1998) 528.

[SLLL]* Su Wenlong, Luo Haipeng, Li Guiqing and Li Qiao, Lower Bounds of Ramsey Numbers Based on Cubic Residues, *Discrete Mathematics,* **250** (2002) 197-209.

[SLZL]* Su Wenlong, Luo Haipeng, Zhang Zhengyou and Li Guiqing, New Lower Bounds of Fifteen Classical Ramsey Numbers, *Australasian Journal of Combinatorics,* **19** (1999) 91-99.

[-] Su Wenlong, see also [LiaWXCS, LiaWXS, LuSL, LiSLW, LuSS1, LuSS2, WSLX1, WSLX2, XWCS].

[Sud1] B. Sudakov, A Note on Odd Cycle-Complete Graph Ramsey Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #N1, **9** (2002), 4 pages.

[Sud2] B. Sudakov, Large K_r-Free Subgraphs in K_s-Free Graphs and Some Other Ramsey-Type Problems, *Random Structures and Algorithms,* **26** (2005) 253-265.

[Sud3] B. Sudakov, Ramsey Numbers and the Size of Graphs, *SIAM Journal on Discrete Mathematics,* **21** (2007) 980-986.

[Sud4] B. Sudakov, Recent Developments in Extremal Combinatorics: Ramsey and Turán Type Problems, *Proceedings of the International Congress of Mathematicians,* Hyderabad, India, 2010, 2579-2606.

[Sud5] B. Sudakov, A Conjecture of Erdős on Graph Ramsey Numbers, *Advances in Mathematics,* **227** (2011) 601-609

[-] B. Sudakov, see also [AlKS, BalPS, BraFS1, BraFS2, BraGS, BraHS, BucSu, ConFLS, ConFS1, ConFS2, ConFS3, ConFS4, ConFS5, ConFS6, ConFS7, ConFS8, FoxSu1, FoxSu2, HunMS, KoSu, PoSu1, PoSu2].

[-] A. Sudan, see [GuGS].

[Sudar1] I.W. Sudarsana, The Goodness of Long Path with Respect to Multiple Copies of Small Wheel, *Far East Journal of Mathematical Sciences,* **59** (2011) 47-55.

[Sudar2] I.W. Sudarsana, The Goodness of Long Path with Respect to Multiple Copies of Complete Graphs, *Journal of the Indonesian Mathematical Society,* **20** (2014) 31-35.

[Sudar3] I.W. Sudarsana, The Goodness of Path or Cycle with Respect to Multiple Copies of Complete Graphs of Order Three, *Ars Combinatoria,* **126** (2016) 359-367.

[Sudar4] I.W. Sudarsana, On the Ramsey Number for Cycle with Respect to Identical Copies of Complete Graphs, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **99** (2016) 61-68.

[Sudar5] I.W. Sudarsana, A Note on the Ramsey Number for a Cycle with Respect to a Disjoint Union of Wheels, *Electronic Journal of Graph Theory and Applications,* **9**(2) (2021) 561-566.

[SuAM] I.W. Sudarsana, Adiwijaya and S. Musdalifah, The Ramsey Number for a Linear Forest Versus Two Identical Copies of Complete Graphs, COCOON 2010, *LNCS* 6196, Springer, Berlin (2010) 209-215.

[SuAAM] I.W. Sudarsana, H. Assiyatun, Adiwijaya and S. Musdalifah, The Ramsey Number for a Linear Forest Versus Two Identical Copies of Complete Graph, *Discrete Mathematics, Algorithms and Applications,* **2** (2010) 437-444.

[SuAUB] I.W. Sudarsana, H. Assiyatun, S. Uttunggadewa and E.T. Baskoro, On the Ramsey Numbers $R(S_{2,m}, K_{2,q})$ and $R(sK_2, K_s + C_n)$, *Ars Combinatoria,* **119** (2015) 235-246.

[SuBAU1] I.W. Sudarsana, E.T. Baskoro, H. Assiyatun and S. Uttunggadewa, The Ramsey Number of a Certain Forest with Respect to a Small Wheel, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **71** (2009) 257-264.

[SuBAU2] I.W. Sudarsana, E.T. Baskoro, H. Assiyatun and S. Uttunggadewa, The Ramsey Numbers of Linear Forest Versus $3K_3 \cup 2K_4$, *Journal of the Indonesian Mathematical Society,* **15** (2009) 61-67.

[SuBAU3] I.W. Sudarsana, E.T. Baskoro, H. Assiyatun and S. Uttunggadewa, The Ramsey Numbers for the Union Graph with H-Good Components, *Far East Journal of Mathematical Sciences,* **39** (2010) 29-40.

[SuBAU4] I.W. Sudarsana, E.T. Baskoro, H. Assiyatun and S. Uttunggadewa, On the Union of Graph Ramsey Numbers, *Applied Mathematical Sciences,* **8**(16) (2014) 767-773.

[SukZ] Andrew Suk and Ji Zeng, 3-Uniform Monotone Paths and Multicolor Ramsey Numbers, *preprint,* http://arxiv.org/abs/2411.15649 (2024).

[-] Andrew Suk, see also [ConFG1+, ConFG2+, ConFH+, FoxPS1, FoxPS2, MuSuk1, MuSuk2, MuSuk3, MuSuk4, MuSuk5].

[SulTr] A. Sulser and M. Trujić, Ramsey Numbers for Multiple Copies of Sparse Graphs, *Journal of Graph Theory,* **106** (2024) 843-870.

Sun - Sz

[SunSh]** Minhong Sun and Zehui Shao, Exact Values of Some Generalized Ramsey Numbers, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **107** (2018) 277-283.

[Sun]* Sun Yongqi, Research on Ramsey Numbers of Some Graphs (in Chinese), *Ph.D. thesis,* Dalian University of Technology, China, July 2006.

[SunY]* Sun Yongqi and Yang Yuansheng, Study of the Three Color Ramsey Number $R_3(C_8)$ (in Chinese), *Journal of Beijing Jiaotong University,* **35** (2011) 14-17.

[SunYJLS] Sun Yongqi, Yang Yuansheng, Jiang Baoqi, Lin Xiaohui and Shi Lei, On Multicolor Ramsey Numbers for Even Cycles in Graphs, *Ars Combinatoria,* **84** (2007) 333-343.

[SunYLZ1]* Sun Yongqi, Yang Yuansheng, Lin Xiaohui and Zheng Wenping, The Value of the Ramsey Number $R_4(C_4)$, *Utilitas Mathematica,* **73** (2007) 33-44.

[SunYLZ2]* Sun Yongqi, Yang Yuansheng, Lin Xiaohui and Zheng Wenping, On the Three Color Ramsey Numbers $R(C_m, C_4, C_4)$, *Ars Combinatoria,* **84** (2007) 3-11.

[SunYW]* Sun Yongqi, Yang Yuansheng and Wang Zhihai, The Value of the Ramsey Number $R_5(C_6)$, *Utilitas Mathematica,* **76** (2008) 25-31.

[SunYWLX]* Sun Yongqi, Yang Yuansheng, Wang Wei, Li Bingxi and Xu Feng, Study of Three Color Ramsey numbers $R(C_{m_1}, C_{m_2}, C_{m_3})$ (in Chinese), *Journal of Dalian University of Technology,* ISSN 1000-8608, **46** (2006) 428-433.

[SunYXL] Sun Yongqi, Yang Yuansheng, Xu Feng and Li Bingxi, New Lower Bounds on the Multicolor Ramsey Numbers $R_r(C_{2m})$, *Graphs and Combinatorics,* **22** (2006) 283-288.

[-] Sun Yongqi, see also [JiLSX, WuSL, WuSR, WuSZR, ZhaSW, ZhuSWZ].

[-] Yue Ru Sun, see [NoSZ].

[SunLi] Sun Yuqin and Li Yusheng, On an Upper Bound of Ramsey Number $r_k(K_{m,n})$ with Large n, *Heilongjiang Daxue Ziran Kexue Xuebao,* ISSN 1001-7011, **23** (2006) 668-670.

[SunZ1] Zhi-Hong Sun, Ramsey Numbers for Trees, *Bulletin of the Australian Mathematical Society,* **86** (2012) 164-176.

[SunZ2] Zhi-Hong Sun, Ramsey Numbers for Trees II, *preprint,* http://arxiv.org/abs/1410.7637 (2014). Revised version (2016). *Czechoslovak Mathematical Journal,* **71** (2021), no. 146, 351-372.

[SunW] Zhi-Hong Sun and Lin-Lin Wang, Turán's Problem for Trees, *Journal of Combinatorics and Number Theory,* **3** (2011) 51-69.

[SunWW] Zhi-Hong Sun, Lin-Lin Wang and Yi-Li Wu, Turán's Problem and Ramsey Numbers for Trees, *Colloquium Mathematicum,* **139** (2015) 273-298.

[Sur] Surahmat, Cycle-Wheel Ramsey Numbers. Some results, open problems and conjectures. *Math Track,* ISSN 1817-3462, 1818-5495, **2** (2006) 56-64.

[SuBa1] Surahmat and E.T. Baskoro, On the Ramsey Number of a Path or a Star Versus W_4 or W_5, *Proceedings of the 12-th Australasian Workshop on Combinatorial Algorithms,* Bandung, Indonesia, July 14-17 (2001) 174-179.

[SuBa2] Surahmat and E.T. Baskoro, The Ramsey Number of Linear Forest Versus Wheel, paper presented at the *13-th Australasian Workshop on Combinatorial Algorithms* (AWOCA), Fraser Island, Queensland, Australia, July 7-10, 2002.

[SuBB1] Surahmat, E.T. Baskoro and H.J. Broersma, The Ramsey Numbers of Large Star-like Trees Versus Large Odd Wheels, *Technical Report* #1621, Faculty of Mathematical Sciences, University of Twente, The Netherlands, (2002).

[SuBB2] Surahmat, E.T. Baskoro and H.J. Broersma, The Ramsey Numbers of Large Cycles Versus Small Wheels, *Integers: Electronic Journal of Combinatorial Number Theory,* http://www.integers-ejcnt.org/vol4.html, #A10, **4** (2004), 9 pages.

[SuBB3] Surahmat, E.T. Baskoro and H.J. Broersma, The Ramsey Numbers of Fans Versus K_4, *Bulletin of the Institute of Combinatorics and its Applications,* **43** (2005) 96-102.

[SuBB4] Surahmat, E.T. Baskoro and H.J. Broersma, The Ramsey Numbers of Large Star and Large Star-Like Trees Versus Odd Wheels, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **65** (2008) 153-162.

[SuBT1] Surahmat, E.T. Baskoro and I. Tomescu, The Ramsey Numbers of Large Cycles Versus Wheels, *Discrete Mathematics,* **306** (2006), 3334-3337.

[SuBT2] Surahmat, E.T. Baskoro and I. Tomescu, The Ramsey Numbers of Large Cycles Versus Odd Wheels, *Graphs and Combinatorics,* **24** (2008), 53-58.

[SuBTB] Surahmat, E.T. Baskoro, I. Tomescu and H.J. Broersma, On Ramsey Numbers of Cycles with Respect to Generalized Even Wheels, *manuscript* (2006).

[SuBUB] Surahmat, E.T. Baskoro, S. Uttunggadewa and H.J. Broersma, An Upper Bound for the Ramsey Number of a Cycle of Length Four Versus Wheels, in *LNCS* 3330, Springer, Berlin (2005) 181-184.

[SuTo] Surahmat and I. Tomescu, On Path-Jahangir Ramsey Numbers, *Applied Mathematical Sciences,* **8**(99) (2014) 4899-4904.

[-] Surahmat, see also [AliSur, BaSu, BaSNM].

[-] Y. Suzuki, see [KaOS].

[SwPr] C.J. Swanepoel and L.M. Pretorius, Upper Bounds for a Ramsey Theorem for Trees, *Graphs and Combinatorics,* **10** (1994) 377-382.

[-] M.M. Sweet, see [FreSw].

[-] T. Szabó, see [AlRóS].

[-] S. Szeider, see [KirS].

[Szem] E. Szemerédi, Regular Partitions of Graphs, Problèmes Combinatoires et Théorie des Graphes (Orsay, 1976), Colloques Internationaux du Centre National de la Recherche Scientifique, CNRS Paris, **260** (1978) 399-401.

[-] E. Szemerédi, see also [AjKS, AjKSS, ChRST, GyRSS, GySS1, GySS2, PoRRS].

[-] P. Szuca, see [DzNS].

T

[-] M. Tait, see [DeMST].

[-] D.S. Taletskii, see [AbdMT].

[-] Fuping Tan, see [HTHZ1, HTHZ2].

[-] Ta Sheng Tan, see [ChngBTW, ChngTW].

[-] Tang Xueqing, see [LiTZ].

[-] A. Taraz, see [MoSST].

[Tat]* M. Tatarevic, *personal communication,* graph constructions for lower bounds on Ramsey numbers at http://github.com/milostatarevic/ramsey-numbers/tree/master/graphs (2020).

[-] M. Tatarevic, see also [ExT].

[-] Yanmei Teng, see [JiLTX1, JiLTX2].

[-] Abhradeep Thakurta, see [NaRT].

[-] N. Thapen, see [LauPRT].

[-] R. Thomas, see [RöTh].

[Tho] A. Thomason, An Upper Bound for Some Ramsey Numbers, *Journal of Graph Theory,* **12** (1988) 509-517.

[-] S. Thompson, see [HaHT].

[-] M. Tiba, see [BalB+].

[Tikh] K. Tikhomirov, A Remark on the Ramsey Number of the Hypercube, *European Journal of Combinatorics,* **120** (2024) 103954, 24 pages.

[-] P.W. Tingley, see [HaŁT].

[-] J. Tomasik, see [AgCP+].

[-] I. Tomescu, see [AliBT1, AliBT2, AliTJ, SuBT1, SuBT2, SuBTB, SuTo].

[-] C. Tompkins, see [SaTWZ].

[-] C.A. Tovey, see [CaET].

[Tri] A. Tripathi, An Introduction to Ramsey's Theorem, *Proceedings of Telangana Academy of Sciences,* **1** (2020) 202-213.

[-] A. Tripathi, see also [GauST].

[Tr] Trivial results.

[-] N. Trotignon, see [GySeT].

[-] W.T. Trotter Jr., see [ChRST].

[-] M. Trujić, see [SulTr].

[Tse1]* Kung-Kuen Tse, On the Ramsey Number of the Quadrilateral Versus the Book and the Wheel, *Australasian Journal of Combinatorics,* **27** (2003) 163-167.

[Tse2]* Kung-Kuen Tse, A Note on the Ramsey Numbers $R(C_4, B_n)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **58** (2006) 97-100.

[Tse3]* Kung-Kuen Tse, A Note on Some Ramsey Numbers $R(C_p, C_q, C_r)$, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **62** (2007) 189-192.

[-] Kung-Kuen Tse, see also [BaRT, RaST, RaT].

[-] Z. Tuza, see [GyTu].

[-] M. Tyomkyn, see [ConT].

U

[UCSD] University of California San Diego, Fan Chung and a team of students, *Erdős' Problems on Graphs, Ramsey Theory,* http://www.math.ucsd.edu/~erdosproblems/RamseyTheory.html (2010-2012).

[-] S. Uttunggadewa, see [SuAUB, SuBAU1, SuBAU2, SuBAU3, SuBAU4, SuBUB].

V

[VO]** Steven Van Overberghe, Algorithms for Computing Ramsey Numbers, *MS Thesis in Mathematics,* Ghent University, Belgium, 2020. Constructions at https://github.com/Steven-VO/circulant-Ramsey.

[VO1]** Steven Van Overberghe, Ghent University, *personal communication* (2024). Constructions available at https://github.com/Steven-VO/circulant-Ramsey.

[-] Steven Van Overberghe, see also [GoeVO, LidMPV].

[Ver] J. Verstraëte, Recent Progress in Ramsey Theory, *preprint,* http://arxiv.org/abs/2503.22094 (2025).

[-] J. Verstraëte, see [ConFG1+, ConFG2+, ConFH+, ConMMV, KosMV1, KosMV2, MatMNV, MatVer, MuVer, NieVer].

[-] T. Vetrik, see [JaBVR].

[-] M. Vizer, see [GerMOV].

[-] L. Volkmann, see [GuoV].

W

[-] A.Z. Wagner, see [BalCSW].

[Walk] K. Walker, Dichromatic Graphs and Ramsey Numbers, *Journal of Combinatorial Theory,* **5** (1968) 238-243.

[Wall] W.D. Wallis, On a Ramsey Number for Paths, *Journal of Combinatorics, Information & System Sciences,* **6** (1981) 295-296.

[Wan] Wan Honghui, Upper Bounds for Ramsey Numbers $R(3, 3, \cdots, 3)$ and Schur Numbers, *Journal of Graph Theory,* **26** (1997) 119-122.

[-] Wang Gongben, see [WW, WWY1, WWY2].

[-] Lin-Lin Wang, see [SunW, SunWW].

[Wang1] Longqin Wang, Some Multi-Color Ramsey Numbers on Stars Versus Path, Cycle or Wheel, *Graphs and Combinatorics,* **36** (2020) 515-524.

[Wang2] Longqin Wang, The Ramsey Numbers of Trees Versus Generalized 6-Wheels or Generalized 7-Wheels, *Graphs and Combinatorics,* **38**:153 (2022), 9 pages.

[WaCh1] Longqin Wang and Yaojun Chen, The Ramsey Numbers of Trees Versus Generalized Wheels, *Graphs and Combinatorics,* **35** (2019) 189-193.

[WaCh2] Longqin Wang and Yaojun Chen, The Ramsey Numbers of Two Sets of Cycles, *Journal of Graph Theory,* **96**(1) (2021) 129-136.

[WaQi] Maoqun Wang and Jianguo Qian, Ramsey Numbers for Complete Graphs Versus Generalized Fans, *Graphs and Combinatorics,* **38**:186 (2022), 8 pages.

[WW]* Wang Qingxian and Wang Gongben, New Lower Bounds of Ramsey Numbers $r(3, q)$ (in Chinese), *Acta Scientiarum Naturalium, Universitatis Pekinensis,* **25** (1989) 117-121. The lower bounds presented in this paper have been improved.

[WWY1]* Wang Qingxian, Wang Gongben and Yan Shuda, A Search Algorithm And New Lower Bounds for Ramsey Numbers $r(3, q)$, *manuscript* (1994).

[WWY2]* Wang Qingxian, Wang Gongben and Yan Shuda, The Ramsey Numbers $R(K_3, K_q - e)$ (in Chinese), *Beijing Daxue Xuebao Ziran Kexue Ban,* **34** (1998) 15-20.

[-] Wang Wei, see [SunYWLX, SunYXL].

[WaLi] Ye Wang and Yusheng Li, Lower Bounds for Ramsey Numbers of K_n with a Small Subgraph Removed, *Discrete Applied Mathematics,* **160** (2012) 2063-2068.

[WaLL] Ye Wang, Yusheng Li and Yan Li, Ramsey Numbers of Several $K_{t,s}$ and A Large $K_{m,n}$, *Discrete Mathematics,* **345** (2022) 112987, 9 pages.

[-] Ye Wang, see also [LiLW, LiW, LiuW].

[-] Wang Yuandi, see [HWSYZH].

[-] Zhao Wang, see [MaoWMS].

[WaZh1] Zhaofa Wang and Yanbo Zhang, Ramsey Numbers of Cycles Versus Multiple Wheels, *Filomat,* **39**(33) (2025) 11961-11967.

[WaZh2] Zhaofa Wang and Yanbo Zhang, Ramsey Numbers of Cycles Versus Multiple Odd Wheels, *Bulletin of the Australian Mathematical Society,* DOI:10.1017/S0004972725100476 (2025), 9 pages.

[-] Wang Zhi Jian, see [LiWa1, LiWa2].

[-] Wang Zhihai, see [SunYW].

[-] Zhiyu Wang, see [SaTWZ].

[-] Wang Zicheng, see [ShaoWX].

[-] Christine Rose Ward, see [BaLL+].

[-] Bing Wei, see [ZhaoW].

[-] Louis Wei, see [GuNNW].

[-] Meiqin Wei, see [XuWLM, ZhouLMW].

[We1] William J. Wesley, Algebraic and Boolean Methods for Computation and Certification of Ramsey-Type Numbers, *PhD dissertation,* University of California, Davis, 2023.

[We2]* William J. Wesley, Lower Bounds for Book Ramsey Numbers, *Discrete Mathematics,* **349** (2026) 114913, 13 pages.

[We3]* William J. Wesley, New Bounds for Some Small Multicolor Ramsey Numbers, *preprint,* http://arxiv.org/abs/2509.03784 (2025).

[-] William J. Wesley, see also [PuRW].

[West] D. West, *Introduction to Graph Theory,* second edition, Prentice Hall, 2001.

[Wh] E.G. Whitehead, The Ramsey Number $N(3,3,3,3;2)$, *Discrete Mathematics,* **4** (1973) 389-396.

[-] Avi Wigderson, see [BarRSW].

[Wig1] Yuval Wigderson, An Improved Lower Bound on Multicolor Ramsey Numbers, *Proceedings of the American Mathematical Society,* **149**(6) (2021) 2371-2374.

[Wig2] Yuval Wigderson, Ramsey Numbers Upon Vertex Deletion, *Journal of Graph Theory,* **106** (2024) 663-675.

[Wig3] Yuval Wigderson, Upper Bounds on Diagonal Ramsey Numbers [after Campos, Griffiths, Morris, and Sahasrabudhe], *preprint,* http://arxiv.org/abs/2411.09321 (2024). Also in *Séminaire BOURBAKI,* **77** (2024-2025), no. 1230, 48 pages.

[-] Yuval Wigderson, see also [FoxHW, HeNWY, HeWi, ConFW1, ConFW2].

[-] E.R. Williams, see [AbbW].

[-] R.J. Wilson, see [ReWi].

[-] R.M. Wilson, see [FraWi].

[-] A. Woldar, see [LaWo1, LaWo2].

[-] Kok Bin Wong, see [ChngBTW, ChngTW].

[WoGKSF]* Jurriaan Wouters, Aris Giotis, Ross Kang, Dirk Schuricht and Lars Fritz, Lower Bounds for Ramsey Numbers As a Statistical Physics Problem, *Journal of Statistical Mechanics: Theory and Experiment,* (2022) 033211, 14 pages.

[WSLX1]* Kang Wu, Wenlong Su, Haipeng Luo and Xiaodong Xu, New Lower Bound for Seven Classical Ramsey Numbers $R(3, q)$, *Applied Mathematics Letters,* **22** (2009) 365-368.

[WSLX2]* Kang Wu, Wenlong Su, Haipeng Luo and Xiaodong Xu, A Generalization of Generalized Paley Graphs and New Lower Bounds for $R(3, q)$, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #N25, **17** (2010), 10 pages.

[-] Wu Kang, see also [LiaWXCS, LiaWXS, LiSLW, XWCS].

[WuSL] Yali Wu, Yongqi Sun and Zhiguo Liu, The Ramsey Numbers $R(C_{\leq n}, K_m)$, *Ars Combinatoria,* **131** (2017) 227-237.

[WuSR] Wu Yali, Sun Yongqi and S.P. Radziszowski, Wheel and Star-Critical Ramsey Numbers for Quadrilateral, *Discrete Applied Mathematics,* **186** (2015) 260-271.

[WuSZR] Wu Yali, Sun Yongqi, Zhang Rui and S.P. Radziszowski, Ramsey Numbers of C_4 Versus Wheels and Stars, *Graphs and Combinatorics,* **31** (2015) 2437-2446.

[-] Wu Yali, see also [ZhaSW, ZhuSWZ].

[-] Yi-Li Wu, see [SunWW].

[-] M. Wurtz, see [ShWR].

X

[-] Xiao Jianhua, see [ShaoWX].

[XieZ]* Xie Jiguo and Zhang Xiaoxian, A New Lower Bound for Ramsey Number $r(3,13)$ (in Chinese), *Journal of Lanzhou Railway Institute,* **12** (1993) 87-89.

[-] Shengjie Xie, see [MaSX].

[-] Xie Zheng, see [XuX1, XuX2, XuXC, XXER, XuXR].

[XWCS]* Chengzhang Xu, Kang Wu, Hong Chen and Wenlong Su, New Lower Bounds for Some Ramsey Numbers Based on Cyclic Graphs, *in preparation,* (2011).

[-] Xu Chengzhang, see also [LiaWXCS].

[XuYZ] Chuandong Xu, Hongna Yang and Shenggui Zhang, On Characterizing the Critical Graphs for Matching Ramsey Numbers, *Discrete Applied Mathematics,* **287** (2020) 15-20.

[-] Jin Xu, see [ShaXBP].

[-] Xu Feng, see [SunYWLX, SunYXL].

[-] Ran Xu, see [ChenCX].

[XuWLM] Xiao Xu, Meiqin Wei, Hong-Jian Lai and Yaping Mao, Ramsey and Gallai-Ramsey Numbers for Comb and Sun Graphs, *Discrete Applied Mathematics,* **362** (2025) 131-145.

[XuLL] Xiaodong Xu, Meilian Liang and Haipeng Luo, *Ramsey Theory. Unsolved Problems and Results.* De Gruyter, Berlin; University of Science and Technology of China Press, 2018.

[XuR1] Xiaodong Xu and S.P. Radziszowski, An Improvement to Mathon's Cyclotomic Ramsey Colorings, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #N1, **16**(1) (2009), 5 pages.

[XuR2] Xiaodong Xu and S.P. Radziszowski, $28 \le R(C_4, C_4, C_3, C_3) \le 36$, *Utilitas Mathematica,* **79** (2009) 253-257.

[XuR3] Xiaodong Xu and S.P. Radziszowski, Bounds on Shannon Capacity and Ramsey Numbers from Product of Graphs, *IEEE Transactions on Information Theory,* **59** (2013) 4767-4770.

[XuR4] Xiaodong Xu and S.P. Radziszowski, On Some Open Questions for Ramsey and Folkman Numbers, in *Graph Theory, Favorite Conjectures and Open Problems,* Vol. 1, edited by R. Gera, S. Hedetniemi and C. Larson, Problem Books in Mathematics, Springer 2016, 43-62.

[XSR1]* Xiaodong Xu, Zehui Shao and S.P. Radziszowski, Bounds on Some Ramsey Numbers Involving Quadrilateral, *Ars Combinatoria,* **90** (2009) 337-344.

[XSR2]* Xiaodong Xu, Zehui Shao and S.P. Radziszowski, More Constructive Lower Bounds on Classical Ramsey Numbers, *SIAM Journal on Discrete Mathematics,* **25** (2011) 394-400.

[XuX1]* Xu Xiaodong and Xie Zheng, A Constructive Approach for the Lower Bounds on the Ramsey Numbers $r(k, l)$, *manuscript* (2002).

[XuX2] Xu Xiaodong and Xie Zheng, A Constructive Approach for the Lower Bounds on Multicolor Ramsey Numbers, *manuscript* (2002).

[XuXC] Xu Xiaodong, Xie Zheng and Chen Zhi, Upper Bounds for Ramsey Numbers $R_n(3)$ and Schur Numbers (in Chinese), *Mathematics in Economics,* **19**(1) (2002) 81-84.

[XXER]* Xu Xiaodong, Xie Zheng, G. Exoo and S.P. Radziszowski, Constructive Lower Bounds on Classical Multicolor Ramsey Numbers, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #R35, **11**(1) (2004), 24 pages.

[XuXR] Xu Xiaodong, Xie Zheng and S.P. Radziszowski, A Constructive Approach for the Lower Bounds on the Ramsey Numbers $R(s, t)$, *Journal of Graph Theory,* **47** (2004) 231-239.

[-] Xu Xiaodong, see also [JiLSX, JiLTX1, JiLTX2, LiaRX, LiaWXS, LiaX, ShaXB, ShaXSP, WSLX1, WSLX2, ZhuXR].

[-] Xu Zhiqiang, see [BaLX].

[XuGe] Zixiang Xu and Gennian Ge, A Note on Multicolor Ramsey Number of Small Odd Cycles Versus a Large Clique, *Discrete Mathematics,* **345** (2022) 112823, 4 pages..

Y

[-] J. Yackel, see [GrY].

[Yan] Jun Yan, Asymmetric Ramsey Numbers of Trees, *preprint,* http://arxiv.org/abs/2511.15673 (2025).

[-] Jun Yan, see also [MonPY1, MonPY2].

[-] Yan Shuda, see [WWY1, WWY2].

[YanP] Zilong Yan and Yuejian Peng, Tree Embeddings and Tree-Star Ramsey Numbers, *Journal of Graph Theory,* **100**(4) (2022) 733-745.

[-] Hongna Yang, see [XuYZ].

[YHZ1] Yang Jian Sheng, Huang Yi Ru and Zhang Ke Min, The Value of the Ramsey Number $R(C_n, K_4)$ is $3(n-1)+1$ $(n \geq 4)$, *Australasian Journal of Combinatorics,* **20** (1999) 205-206.

[YHZ2] Yang Jian Sheng, Huang Yi Ru and Zhang Ke Min, $R(C_6, K_5) = 21$ and $R(C_7, K_5) = 25$, *European Journal of Combinatorics,* **22** (2001) 561-567.

[-] Yang Jian Sheng, see also [BolJY+, HWSYZH, HYZ].

[YY]** Yang Yuansheng, On the Third Ramsey Numbers of Graphs with Six Edges, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **17** (1995) 199-208.

[YH]* Yang Yuansheng and G.R.T. Hendry, The Ramsey Number $r(K_1+C_4, K_5-e)$, *Journal of Graph Theory,* **19** (1995) 13-15.

[YR1]** Yang Yuansheng and P. Rowlinson, On the Third Ramsey Numbers of Graphs with Five Edges, *Journal of Combinatorial Mathematics and Combinatorial Computing,* **11** (1992) 213-222.

[YR2]* Yang Yuansheng and P. Rowlinson, On Graphs without 6-Cycles and Related Ramsey Numbers, *Utilitas Mathematica,* **44** (1993) 192-196.

[YR3]* Yang Yuansheng and P. Rowlinson, The Third Ramsey Numbers for Graphs with at Most Four Edges, *Discrete Mathematics,* **125** (1994) 399-406.

[-] Yang Yuansheng, see also [SunY, SunYJLS, SunYLZ1, SunYLZ2, SunYW, SunYWLX, SunYXL].

[YaoHMZ] Yifan Yao, Zhong Huang, Yaping Mao and Jiannan Zhou, Ramsey and Gallai-Ramsey Numbers for Multiple Triangles of Graphs and Their Multiplicities, *Discrete Applied Mathematics,* **377** (2025) 195-203.

[-] Yifan Yao, see also [LiMSY].

[-] Ye Weiguo, see [SonYL].

[YouLin1] Chunlin You and Qizhong Lin, Ramsey Numbers of Large Even Cycles and Fans, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.14, **30**(3) (2023), 17 pages.

[YouLin2] Chunlin You and Qizhong Lin, Three-Color Ramsey Numbers of an Odd Cycle Versus Bipartite Graphs with Small Bandwidth, *Graphs and Combinatorics,* **39**:46 (2023), 18 pages.

[YouLC] Chunlin You, Qizhong Lin and Xun Chen, Ramsey Numbers of Large Books and Bipartite Graphs with Small Bandwidth, *Discrete Mathematics,* **344** (2021) 112427, 9 pages.

[-] Chunlin You, see also [ChenLY].

[-] Hung-Hsun Hans Yu, see [ConFG2+, HeNWY].

[YuLi] Pei Yu and Yusheng Li, All Ramsey Numbers for Brooms in Graphs, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P3.29, **23**(3) (2016), 8 pages.

[-] Pei Yu, see also [PeiCLY].

[Yu1]* Yu Song Nian, A Computer Assisted Number Theoretical Construction of $(3, k)$-Ramsey Graphs, *Annales Universitatis Scientiarum Budapestinensis, Sect. Comput.,* **10** (1989) 35-44.

[Yu2]* Yu Song Nian, Maximal Triangle-Free Circulant Graphs and the Function $K(c)$ (in Chinese), *Journal of Shanghai University, Natural Science,* **2** (1996) 678-682.

[-] Xiaowei Yu, see [ChenYZ].

[-] Y. Yuditsky, see [JaKSY].

[-] R. Yuster, see [CaYZ].

Z

[-] A. Zaghian, see [RaeZ].

[-] V. Zamaraev, see [AleALZ, AtLZ].

[-] O. Zamora, see [SaTWZ].

[-] Zang Wenan, see [LiRZ1, LiRZ2, LiTZ, LiZa1, LiZa2].

[-] C. Zarb, see [CaYZ].

[ZeZZ] Haiyu Zeng, Yanbo Zhang and Feng Zhao, Ramsey Numbers of Small Wheels Versus Fans, *Bulletin of the Malaysian Mathematical Sciences Society,* **49** (2026), article #1, 13 pages.

[-] Haiyu Zeng, see also [HeZZ].

[-] Ji Zeng, see [SukZ].

[Zeng] Zeng Wei Bin, Ramsey Numbers for Triangles and Graphs of Order Four with No Isolated Vertex, *Journal of Mathematical Research & Exposition,* **6** (1986) 27-32.

[-] Zhang Chaohui, see [HTHZ2].

[ZhCh] Fangfang Zhang and Yaojun Chen, The Ramsey Numbers of 3-Uniform Loose Path Versus Star, *Graphs and Combinatorics,* **38**:20 (2022), 11 pages.

[ZhZC] Fangfang Zhang, Yunqing Zhang and Yaojun Chen, On Three-color Ramsey Numbers $R(C_4, K_{1,m}, P_n)$, *Finite Fields and Their Applications,* **55** (2019) 97-108.

[-] Hanshuo Zhang, see [ZhuSWZ].

[ZhZ1] Zhang Ke Min and Zhang Shu Sheng, Some Tree-Stars Ramsey Numbers, *Proceedings of the Second Asian Mathematical Conference* 1995, 287-291, World Sci. Publishing, River Edge, NJ, 1998.

[ZhZ2] Zhang Ke Min and Zhang Shu Sheng, The Ramsey Numbers for Stars and Stripes, *Acta Mathematica Scientia,* **25A** (2005) 1067-1072.

[-] Zhang Ke Min, see also [BolJY+, ChenZZ1, ChenZZ2, ChenZZ3, ChenZZ4, ChenZZ5, ChenZZ6, HTHZ1, HWSYZH, HYZ, HZ1, HZ2, HZ3, McZ, ShZ1, ShZ2, YHZ1, YHZ2, ZhaCZ1, ZhaCZ2, ZZ3].

[ZhaCC1] Lianmin Zhang, Yaojun Chen and T.C. Edwin Cheng, The Ramsey Numbers for Cycles Versus Wheels of Even Order, *European Journal of Combinatorics,* **31** (2010) 254-259.

[ZhaCZ] Lianmin Zhang, Kun Chen and Dongmei Zhu, Some Tree-Book Ramsey Numbers, *Ars Combinatoria,* **130** (2017) 97-102.

[-] Lianmin Zhang, see also [ZhuZL].

[-] Ningxin Zhang, see also [NaSZ].

[-] Ping Zhang, see [ChaZ].

[-] Ping Zhang, see [LiZZ].

[ZhaSW]* Zhang Rui, Sun Yongqi and Wu Yali, On the Four Color Ramsey Numbers for Hexagons, *Ars Combinatoria,* **111** (2013) 515-522.

[-] Zhang Rui, see also [WuSZR].

[-] Shenggui Zhang, see [XuYZ].

[-] Zhang Shu Sheng, see [ZhZ1, ZhZ2].

[-] Zhang Xiaoxian, see [XieZ].

[ZhaHou] Xuejun Zhang and Xinmin Hou, Multicolor Ramsey Numbers of Stars Versus a Path, *Journal of Mathematical Research with Applications,* **44**(4) (2024) 465-469.

[ZhaCC2] Xuemei Zhang, Yaojun Chen and T.C. Edwin Cheng, Some Values of Ramsey Numbers for C_4 Versus Stars, *Finite Fields and Their Applications,* **45** (2017) 73-85.

[ZhaCC3] Xuemei Zhang, Yaojun Chen and T.C. Edwin Cheng, Polarity Graphs and Ramsey Numbers for C_4 Versus Stars, *Discrete Mathematics,* **340** (2017) 655-660.

[ZhaCC4] Xuemei Zhang, Yaojun Chen and T.C. Edwin Cheng, On Three Color Ramsey Numbers for $R(C_4, C_4, K_{1,n})$, *Discrete Mathematics,* **342** (2019) 285-291.

[ZhaCC5] Xuemei Zhang, Yaojun Chen and T.C. Edwin Cheng, On the 3-Color Ramsey Numbers $R(C_4, C_4, W_n)$, *Graphs and Combinatorics,* **38**:103 (2022), 9 pages.

[ZhaCC6] Xuemei Zhang, Yaojun Chen and T.C. Edwin Cheng, Bounds for Two Multicolor Ramsey Numbers Concerning Quadrilaterals, *Finite Fields and Their Applications,* **79** (2022) 101999, 16 pages.

[-] Zhang Xuemei, see also [ChenZZ7].

[-] Yahui Zhang, see [LiZZ].

[ZhaBC1] Yanbo Zhang, Hajo Broersma and Yaojun Chen, A Remark on Star-C_4 and Wheel-C_4 Ramsey Numbers, *Electronic Journal of Graph Theory and Applications,* **2** (2014) 110-114.

[ZhaBC2] Yanbo Zhang, Hajo Broersma and Yaojun Chen, Three Results on Cycle-Wheel Ramsey Numbers, *Graphs and Combinatorics,* **31** (2015) 2467-2479.

[ZhaBC3] Yanbo Zhang, Hajo Broersma and Yaojun Chen, Ramsey Numbers of Trees Versus Fans, *Discrete Mathematics,* **338** (2015) 994-999.

[ZhaBC4] Yanbo Zhang, Hajo Broersma and Yaojun Chen, A Note on Ramsey Numbers for Fans, *Bulletin of the Australian Mathematical Society,* **92** (2015) 19-23.

[ZhaBC5] Yanbo Zhang, Hajo Broersma and Yaojun Chen, On Fan-Wheel and Tree-Wheel Ramsey Numbers, *Discrete Mathematics,* **339** (2016) 2284-2287.

[ZhaBC6] Yanbo Zhang, Hajo Broersma and Yaojun Chen, Narrowing Down the Gap on Cycle-Star Ramsey Numbers, *Journal of Combinatorics,* **7** (2016) 481-493.

[ZhaCh1] Yanbo Zhang and Yaojun Chen, The Ramsey Numbers of Fans Versus a Complete Graph of Order Five, *Electronic Journal of Graph Theory and Applications,* **2** (2014) 66-69.

[ZhaCh3] Yanbo Zhang and Yaojun Chen, Trichotomy and tK_m-goodness of Sparse Graphs, *preprint,* http://arxiv.org/abs/2505.04142 (2025).

[ZhaCh4] Yanbo Zhang and Yaojun Chen, Ramsey Goodness of Fans, *Discrete Mathematics,* **349**(2) (2026) 114771, 8 pages.

[ZhaCh5] Yanbo Zhang and Yaojun Chen, New Bounds for Ramsey Numbers Involving Graphs with a Center, *submitted for publication* (2025).

[ZhaChZ1] Yanbo Zhang, Yaojun Chen and Yunqing Zhang, Ramsey Numbers of Trees Versus Generalized Wheels, *Discrete Mathematics,* **349** (2026) 114938, 7 pages.

[ZhaChZ2] Yanbo Zhang, Yaojun Chen and Yunqing Zhang, On Tree-Wheel Ramsey Numbers, *Discrete Applied Mathematics,* **383** (2026) 80-84.

[ZhaZC] Yanbo Zhang, Yunqing Zhang and Yaojun Chen, The Ramsey Numbers of Wheels Versus Odd Cycles, *Discrete Mathematics,* **323** (2014) 76-80.

[ZhaZZ] Zhang Yanbo, Zhu Shiping and Zhang Yunqing, Ramsey Numbers for 7-Cycle Versus Wheels with Small Order (in Chinese), *Journal of Nanjing University, Mathematical Biquarterly,* **30** (2013) 48-55.

[-] Yanbo Zhang, see also [AllŁPZ, ChenZZ7, HeZZ, HuZC1, HuZC2, HuZC3, LiZBBH, LiZB, MengZZ, WaZh1, WaZh2, ZeZZ].

[-] Yiran Zhang, see [HuPZ].

[-] Zhang Yuming, see [CaLRZ].

[Zhang1] Zhang Yunqing, On Ramsey Numbers of Short Paths Versus Large Wheels, *Ars Combinatoria,* **89** (2008) 11-20.

[Zhang2] Zhang Yunqing, The Ramsey Numbers for Stars of Odd Small Order Versus a Wheel of Order Nine, *Nanjing Daxue Xuebao Shuxue Bannian Kan,* ISSN 0469-5097, **25** (2008) 35-40.

[ZhaCC7] Yunqing Zhang, T.C. Edwin Cheng and Yaojun Chen, The Ramsey Numbers for Stars of Odd Order Versus a Wheel of Order Nine, *Discrete Mathematics, Algorithms and Applications,* **1** (2009) 413-436.

[ZhaCZ1] Yunqing Zhang, Yaojun Chen and Kemin Zhang, The Ramsey Numbers for Stars of Even Order Versus a Wheel of Order Nine, *European Journal of Combinatorics,* **29** (2008) 1744-1754.

[ZhaCZ2] Yunqing Zhang, Yaojun Chen and Kemin Zhang, The Ramsey Numbers for Trees of High Degree Versus a Wheel of Order Nine, *manuscript* (2009).

[ZZ3] Yunqing Zhang and Ke Min Zhang, The Ramsey Number $R(C_8, K_8)$, *Discrete Mathematics,* **309** (2009) 1084-1090.

[-] Zhang Yunqing, see also [ChenCNZ, ChenCZ1, ChenZZ1, ChenZZ2, ChenZZ3, ChenZZ4, ChenZZ5, ChenZZ6, CheCZN, MengZZ, ZhZC, ZhaZC, ZhaChZ1, ZhaChZ2, ZhaZZ].

[-] Zhang Zhengyou, see [SLZL].

[ZLLS] Zhang Zhongfu, Liu Linzhong, Li Jinwen and Song En Min, Some Properties of Ramsey Numbers, *Applied Mathematics Letters,* **16** (2003) 1187-1193.

[-] Feng Zhao, see [ZeZZ].

[ZhaoW] Qinghong Zhao and Bing Wei, Some Exact Values on Ramsey Numbers Related to Fans, *preprint,* http://arxiv.org/abs/2211.02338 (2022).

[Zhao] Yi Zhao, Proof of the $(n/2-n/2-n/2)$ Conjecture for Large n, *Electronic Journal of Combinatorics,* http://www.combinatorics.org, #P27, **18**(1) (2011), 61 pages.

[-] Yi Zhao, see also [ChenYZ, NoSZ].

[-] Zheng Wenping, see [SunYLZ1, SunYLZ2].

[Zhou1] Zhou Huai Lu, Some Ramsey Numbers for Graphs with Cycles (in Chinese), *Mathematica Applicata,* **6** (1993) 218.

[Zhou2] Zhou Huai Lu, The Ramsey Number of an Odd Cycle with Respect to a Wheel (in Chinese), *Journal of Mathematics, Shuxue Zazhi* (Wuhan), **15** (1995) 119-120.

[Zhou3] Zhou Huai Lu, On Book-Wheel Ramsey Number, *Discrete Mathematics,* **224** (2000) 239-249.

[ZhouLMW] Jiannan Zhou, Zhihui Li, Yaping Mao and Meiqin Wei, Ramsey and Gallai-Ramsey Numbers for the Union of Paths and Stars, *Discrete Applied Mathematics,* **325** (2023) 297-308.

[ZhuZL] Dongmei Zhu, Lianmin Zhang and Dongxin Li, The Ramsey Numbers of Large Trees Versus Wheels, *Bulletin of the Iranian Mathematical Society,* **42**(4) (2016) 879-880.

[-] Dongmei Zhu, see also [ZhaCZ].

[-] Emily Zhu, see [BohZ].

[ZhuXR] Rujie Zhu, Xiaodong Xu and S.P. Radziszowski, A Small Step Forwards on the Erdős-Sós Problem Concerning the Ramsey Numbers $R(3, k)$, *Discrete Applied Mathematics,* **214** (2016) 216-221.

[-] Zhu Shiping, see [ZhaZZ].

[ZhuSWZ] Weiguo Zhu, Yongqi Sun, Yali Wu and Hanshuo Zhang, Exact Values of Multicolor Ramsey Numbers $R_l(C_{\leq l+1})$, *Graphs and Combinatorics,* **36** (2020) 839-852.