

SLOBODAN SIMIĆ: AN APPRECIATION

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In the memory of Slobodan Simić

Abstract

Slobodan Simić¹ had many interests and many friends. Doubtless each of his 66 co-authors² has a story to tell, but here we can offer only our own personal perspectives.

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REFERENCES

- [1] J. Akiyama, K. Kaneko and S.K. Simić, *Graph equations for line and n-th power graphs*, Publ. Inst. Math. (Beograd) **23(37)** (1978) 5–8.
- [2] F.K. Bell, E.M.Li Marzi and S.K. Simić, *Some new results on graphs with least eigenvalue not less than –2*, Rend. Sem. Mat. Messina Ser. II **9(25)** (2003) 11–30.
- [3] F.K. Bell and S.K. Simić, *On graphs whose star complement for –2 is a path or a cycle*, Linear Algebra Appl. **377** (2004) 249–265.
doi:10.1016/j.laa.2003.08.016

¹Slobodan Simić untimely died on May 16, 2019.

²as listed in MathSciNet, February 8, 2019.

- [4] D. Cvetković, Autobiographical Notes, V. Kovačević-Vujčić (Ed.), (Akademika misao, Beograd, 2017), in Serbian.
- [5] D. Cvetković, M. Doob and H. Sachs, Spectra of Graphs, 3rd Edition (Johann Ambrosius Barth, Heidelberg, 1995).
- [6] D. Cvetković, M. Doob and S.K. Simić, *Generalized line graphs*, J. Graph Theory **5** (1981) 385–399.
doi:10.1002/jgt.3190050408
- [7] D. Cvetković, I. Gutman and V. Kovačević-Vujčić (Eds.), Graphs, Optimization, Chemistry: Reports on the Work of a Scientific Project (Akademika misao, Beograd, 2007), in Serbian.
- [8] D. Cvetković, M. Lepović, P. Rowlinson and S.K. Simić, *A database of star complements of graphs*, Univ. Beograd, Publ. Elektrotehn. Fak., Ser. Mat **9** (1998) 103–112.
- [9] D. Cvetković, M. Lepović, P. Rowlinson and S.K. Simić, *The maximal exceptional graphs*, J. Combin. Theory Ser. B **86** (2002) 347–363.
doi:10.1006/jctb.2002.2132
- [10] D. Cvetković, P. Rowlinson and S.K. Simić, Eigenspaces of Graphs (Cambridge University Press, Cambridge, 1997).
doi:10.1017/CBO9781139086547
- [11] D. Cvetković, P. Rowlinson and S.K. Simić, *Graphs with least eigenvalue –2: the star complement technique*, J. Algebraic Combin. **14** (2001) 5–16.
doi:10.1023/A:1011209801191
- [12] D. Cvetković, P. Rowlinson and S.K. Simić, *Some additions to the theory of star partitions of graphs*, Discuss. Math. Graph Theory **19** (1999) 119–134.
doi:10.7151/dmgt.1089
- [13] D. Cvetković, P. Rowlinson and S.K. Simić, *Some characterizations of graphs by star complements*, Linear Algebra Appl. **301** (1999) 81–87.
doi:10.1016/S0024-3795(99)00179-2
- [14] D. Cvetković, P. Rowlinson and S.K. Simić, *The maximal exceptional graphs with largest degree less than 28*, Bull. Acad. Serbe Sci. Arts, Cl. Sci. Math. Natur. Sci. Math. **122** (2001) 115–131.
- [15] D. Cvetković, P. Rowlinson and S.K. Simić, *Graphs with least eigenvalue –2: a new proof of the 31 forbidden subgraphs theorem*, Des. Codes Cryptogr. **34** (2005) 229–240.
doi:10.1007/s10623-004-4856-5
- [16] D. Cvetković, P. Rowlinson and S.K. Simić, Spectral Generalizations of Line Graphs: on Graphs with Least Eigenvalue –2 (Cambridge University Press, Cambridge, 2004).
doi:10.1017/CBO9780511751752
- [17] D. Cvetković, P. Rowlinson and S.K. Simić, *Signless Laplacians of finite graphs*, Linear Algebra Appl. **423** (2007) 155–171.
doi:10.1016/j.laa.2007.01.009

- [18] D. Cvetković, P. Rowlinson and S.K. Simić, An Introduction to the Theory of Graph Spectra (Cambridge University Press, Cambridge, 2009).
doi:10.1017/CBO9780511801518
- [19] D. Cvetković, P. Rowlinson and S.K. Simić, *Graphs with least eigenvalue at least -2: ten years on*, Linear Algebra Appl. **484** (2015) 504–539.
doi:10.1016/j.laa.2015.06.012
- [20] D. Cvetković and S.K. Simić, Combinatorics—Classical and Modern, Naučna knjiga (Beograd, 1984), in Serbian.
- [21] D. Cvetković and S.K. Simić, *The second largest eigenvalue of a graph—a survey*, Int. Conf. on Algebra, Logic & Discrete Math., Niš, April 14–16, 1995, Bogdanović, Čirić and Ž. Perović (Eds.), (FILOMAT (Niš) **9**, 1995) 449–472.
- [22] D. Cvetković and S.K. Simić, Discrete Mathematics, Mathematics for Computer Science, Improved and Extended Edition (Prosveta, Niš, 1996), in Serbian.
- [23] F. Harary, *Independent discoveries in graph theory*, Annals of the New York Academy of Sciences **328** (1979) 1–4.
doi:10.1111/j.1749-6632.1979.tb17761.x
- [24] M. Petrović and Z. Radosavljević, Spectrally Constrained Graphs (Faculty of Science, Kragujevac, 2001).
- [25] Z. Radosavljević, S.K. Simić, M. Syslo and J. Topp, *A note on generalized line graphs*, Publ. Inst. Math. (Beograd) **34(48)** (1983) 193–198.

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