

Graph Theory publications “authored” by Dănuț Marcu:

1. On colouring complete graphs. *Menemui Mat.* **25** (2003) p. 9-12.
2. Some results on the independence number of a graph. *J. Indian Inst. Sci.* **83** (2003) p. 95-97.
3. A note on the balanced hypergraphs. *J. Discrete Math. Sci. Cryptogr.* **6** (2003) p. 83-84.
4. The chromatic number of triangle-free regular graphs. *Stud. Univ. Babeş-Bolyai Inform.* **47** (2002) p. 54-56.
5. A note on the chromatic number of a graph. *Stud. Univ. Babeş-Bolyai Inform.* **47** (2002) p. 105-106.
6. Note on the n -cycles and their achromatic numbers. *Comput. Sci. J. Moldova* **10** (2002) p. 329-332.
7. A note on graphs with perfect matchings. *Saitama Math. J.* **19** (2001) p. 47-50.
8. A note on the domination number of a graph and its complement. *Math. Bohem.* **126** (2001) p. 63-65.
9. A note on line graphs. *Matematiche (Catania)* **52** (1997) p. 333-336.
10. Note on a Lovász's result. *Math. Bohem.* **122** (1997) p. 401-403.
11. Note on a problem in graph theory. *Note Mat.* **13** (1993) p. 329-331.
12. A note on graph colouring. *Czechoslovak Math. J.* **45** (1995) p. 231-233.
13. The middle graph of a hypergraph. *Rev. Colombiana Mat.* **24** (1990) p. 97-101.
14. Note on k -connected digraphs. *Punime Mat.* **4** (1989) p. 33-35.
15. Note sur la conjecture d'Abelson et Rosenberg. (French) [Note on the Abelson-Rosenberg conjecture] *Matematiche (Catania)* **44** (1989) p. 91-96.
16. A note on graphs colouring. *Bul. Inst. Politehn. Bucuresti Ser. Transport. Aeronave* **51** (1989) p. 9-14.
17. Note on the cut vertices in a regular graph. *Anal. Numér. Théor. Approx.* **18** (1989) p. 73-76.
18. Finding the node bases of a digraph. *Bul. Inst. Politehn. Bucuresti Ser. Electron.* **51** (1989) p. 15-20.
19. On finding the domination number of a graph. *Anal. Numér. Théor. Approx.* **18** (1989) p. 77-79.
20. The chromatic number of some graphs in the Euclidean plane. *Riv. Mat. Univ. Parma (4)* **15** (1989) p. 47-49.
21. Finding the circuits of a digraph. *Bul. Inst. Politehn. Bucuresti Ser. Construc. Mas.* **51** (1989) p. 21-25.
22. A note on a problem of Capobianco and Molluzzo. *Matematiche (Catania)* **41** (1986) p. 179-181.
23. Note on the vertex 2-connectivity of a graph. *Mathematika* **35** (1988) p. 69-71.
24. Note on the square of a graph. *Comment. Math. Prace Mat.* **27** (1987) p. 141-142.
25. A note on strong tournaments. *Rad. Mat.* **3** (1987) p. 281-285.

26. Another upper bound for the domination number of a graph. *Rev. Colombiana Mat.* **20** (1986) p. 51-55.
27. A note on a Bermond's conjecture. *Publ. Inst. Math. (Beograd) (N.S.)* **39** (1986) p. 33-34.
28. Note on the number of Hamiltonian paths in tournaments. *Studia Univ. Babeş-Bolyai Math.* **31** (1986) p. 3-5.
29. Sur les bases d'un digraphe. (French) [On the bases of a digraph] *Scripta Fac. Sci. Natur. Univ. Purk. Brun.* **13** (1983) p. 291-295.
30. Note on the 2-connectivity of a graph. *Scripta Fac. Sci. Natur. Univ. Purk. Brun.* **15** (1985) p. 213-215.
31. An upper bound on the domination number of a graph. *Math. Scand.* **59** (1986) p. 41-44.
32. k -graphs in regular graphs. *Bul. Inst. Politehn. Bucuresti Ser. Electron.* **46** (1984) p. 15-18.
33. On finding the Eulerian paths and circuits of a digraph. *Bul. Inst. Politehn. Bucuresti Ser. Automat. Calc.* **46** (1984) p. 143-147.
34. Cheminement, connexité et couplages dans les graphes. (French) [Walks, connectivity and matching in graphs] *An. Univ. Bucuresti Mat.* **35** (1986) p. 37-43.
35. Note on the spanning trees of a connected graph. *Riv. Mat. Univ. Parma (4)* **11** (1985) p. 131-134.
36. Some results on the bipartite graphs. *Bul. Univ. Brasov Ser. C* **26** (1984) p. 16-20.
37. Note on the regular digraphs. *Rend. Sem. Mat. Univ. Padova* **73** (1985) p. 95-98.
38. On some vector spaces associated to a digraph. *Bull. Math. Soc. Sci. Math. Roumanie (N.S.)* **27** (1983) p. 335-341.
39. A new upper bound for the domination number of a graph. *Quart. J. Math. Oxford Ser. (2)* **36** (1985) p. 221-223.
40. Note on the length of elementary cycles of a graph. *Quart. J. Math. Oxford Ser. (2)* **34** (1983) p. 475-476.
41. On the strictly quasistrong connected digraphs without bridges. *Bull. Math. Soc. Sci. Math. Roumanie (N.S.)* **28** (1984) p. 37-38.
42. Note on the spanning trees of a connected digraph. *Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **11** (1981) p. 297-303.
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44. On a class of digraphs with a single Hamiltonian path. *An. Univ. Bucuresti Mat.* **31** (1982) p. 65-68.
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46. Generalized kernels with considerations to the tournament digraphs. *Mathematica (Cluj)* **24** (1982) p. 57-63.
47. On the even elementary circuits of a finite digraph. *Studia Univ. Babeş-Bolyai Math.* **26** (1981) p. 47-49.

48. On the even elementary circuits and cycles of a digraph. *Bul. Inst. Politehn. Bucuresti Ser. Chim.-Metal.* **44** (1982) p. 21-26.
49. On the joint points of a finite oriented graph. (Romanian) *Bul. Inst. Politeh. Iasi. Sect. I. Mat. Mec. Teor. Fiz.* **27** (1981) p. 45-47.
50. Some results concerning the even cycles of a connected digraph. *Studia Univ. Babes-Bolyai Math.* **26** (1981) p. 24-28.
51. On certain vector spaces associated to the oriented finite graphs. *Mathematica (Cluj)* **22** (1980) p. 289-295.
52. No tournament is gradable. *An. Univ. Bucuresti Mat.* **30** (1981) p. 27-28.
53. On the gradable digraphs. *An. Stiint. Univ. "Al. I. Cuza" Iasi Sect. I a Mat. (N.S.)* **26** (1980) p. 185-187.
54. Some remarks concerning the kernels of a strong connected digraph. *An. Stiint. Univ. "Al. I. Cuza" Iasi Sect. I a Mat. (N.S.)* **26** (1980) p. 417-418.
55. A method for finding the strong components of a digraph. *Studia Univ. Babes-Bolyai Math.* **24** (1979) p. 22-24.
56. On the existence of a kernel in a strong connected digraph. *Bul. Inst. Politeh. Iasi. Sect. I. Mat. Mec. Teor. Fiz.* **25** (1979) p. 35-37.
57. On certain vector spaces associated to the oriented finite graphs. *An. Stiint. Univ. "Al. I. Cuza" Iasi Sect. I a Mat. (N.S.)* **25** (1979) p. 175-181.
58. Sur la connexité semi-forte d'un digraphe. (French) *An. Stiint. Univ. "Al. I. Cuza" Iasi Sect. I a Mat. (N.S.)* **24** (1978) p. 173-174.
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60. An application of vector spaces to the calculation of the number of connected components of a finite directed graph. (Romanian) *Stud. Cerc. Mat.* **28** (1976) p. 199-203.
61. An algorithm for determining the strongly connected components of a finite directed graph. (Romanian) *Stud. Cerc. Mat.* **28** (1976) p. 57-60.
62. Finding the connected components of a graph. *Polytech. Univ. Bucharest Sci. Bull. Ser. C Electr. Eng.* **56** (1994) p. 27-34.
63. A note on trees colouring. *Demonstratio Math.* **29** (1996) p. 577-578.
64. A note on connected graphs. *Matematiche (Catania)* **50** (1995) p. 351-353.
65. On colouring products of graphs. *Math. Bohem.* **121** (1996) p. 69-71.
66. On finding a kernel in a symmetrical digraph without loops. *Polytech. Univ. Bucharest Sci. Bull. Ser. D Mech. Engrg.* **54** (1992) p. 55-57.
67. On finding the shortest paths of a digraph. *Polytech. Univ. Bucharest Sci. Bull. Ser. C Electr. Eng.* **54** (1992) p. 39-43.
68. On finding a Grundy function. *Polytech. Univ. Bucharest Sci. Bull. Chem. Materials Sci.* **54** (1992) p. 43-47.
69. On finding the elementary paths and circuits of a digraph. *Polytech. Univ. Bucharest Sci. Bull. Ser. D Mech. Engrg.* **55** (1993) p. 29-33.
70. Finding a set of fundamental cycles of a graph. *Polytech. Univ. Bucharest Sci. Bull. Ser. C Electr. Eng.* **54** (1992) p. 23-28.
71. A note on bicolourable graphs. *Polytech. Univ. Bucharest Sci. Bull. Chem. Materials Sci.* **54** (1992) p. 29-30.

72. Note on k -chromatic graphs. *Math. Bohem.* **119** (1994) p. 43-48.
73. Note on Turán's graph. *Czechoslovak Math. J.* **43** (1993) p. 499-501.
74. Note on graphs colouring. *Matematiche (Catania)* **47** (1992) p. 9-12.
75. Note on the domination number of a graph. *Demonstratio Math.* **26** (1993) p. 103-105.
76. Of finding the shortest paths of a digraph. *Studia Univ. Babeş-Bolyai Math.* **35** (1990) p. 77-81.
77. On finding the elementary paths and circuits of a digraph. *Anal. Numér. Théor. Approx.* **20** (1991) p. 59-63.
78. Note on graphs colouring. *Math. Bohem.* **117** (1992) p. 157-158.
79. Minimum covering and maximum matching. *Note Mat.* **10** (1990) p. 85-88.
80. Note on the decomposition of complete graphs into factors with diameter two. *Mathematica (Cluj)* **32** (1990) p. 49-50.

POSSIBLE PLAGIARISMS