

Publications – Tereza Kovářová

Dissertations

1. Spanning Tree Factorizations of Complete Graphs, *Ph.D. Thesis*, VŠB – Technical University of Ostrava (2004).
2. Magic Labelings of Graphs, *M.Sc. Thesis*, University of Minnesota, Duluth (2004).
3. Elementary Treatments in Physics, *Diploma Thesis*, Masaryk University, Brno (1998).

Papers in refereed journals

1. T. Kovářová, Fixing labelings and factorizations of complete graphs into caterpillars with diameter four, *Congressus Numerantium*, **168** (2004), 33–48.
2. D. Fronček, P. Kovář, T. Kovářová, Vertex magic total labeling of products of cycles, *Australasian Journal of Combinatorics*, **33** (2005), 169–181.
3. T. Kovářová, Decompositions of complete graphs into isomorphic spanning trees with given diameters, *JCMCC*, **54** (2005), 67–81.
4. D. Fronček, P. Kovář, T. Kovářová, Fair incomplete tournaments, *Bulletin of the ICA*, **48** (2006), 31–33.
5. D. Fronček and T. Kovářová, $2n$ -cyclic blended labeling of graphs, *Ars Combinatoria*, **83** (2007), 129–144.
6. P. Kovář, D. Fronček, T. Kovářová, Constructing Distance Magic Graphs From Regular Graphs, *JCMCC*, (2009) (*accepted*).
7. D. Fronček, P. Kovář, T. Kovářová, and M. Kubesa, Factorizations of complete graphs into caterpillars of diameter 5, *Discr. Math*, **310** (2010), 1003–1115.

Papers in conference or workshop proceedings

11. T. Kovářová, Optimal sets of internally disjoint communication paths in hypercubes, *Proceedings of the 10. Conference Modern Mathematical Methods in Engineering*, Dolní Lomná, 30.5–1.6. 2000, VŠB – Technical University of Ostrava (2000), 134–138.
12. T. Kovářová, On vertex magic total labelings of products of cycles, *Wofex 2003*, september 24, VŠB – Technical University of Ostrava (2003), 248–253.
13. T. Kovářová, Decomposition of complete graphs into spanning trees and $2n$ -cyclic blended labeling, *Wofex 2004*, september 22–23, VŠB – Technical University of Ostrava (2004), 322–327.

Conference talks

1. Vertex magic total labeling of Cartesian products of cycles, *MIGHTY XXXVI*, University of Wisconsin, Oshkosh (2003).
2. Diameters of isomorphic spanning trees factorizing complete graphs, *MIGHTY XXXVII*, Valparaiso University, Valparaiso (2003).
3. Decompositions of complete graphs into isomorphic spanning trees with given diameters, *17th Midwest Conference on Combinatorics Cryptography and Computing*, University of Nevada, Las Vegas (2003).

4. New techniques for decomposition of complete graph into isomorphic spanning trees, *35th Southeastern International Conference on Combinatorics, Graph Theory and Computing*, Florida Atlantic University, Boca Raton (2004).
5. Factorizations of the complete graph K_{2n} into isomorphic spanning trees with given diameters, *40th Czech and Slovak Conference Graphs 2005*, Budmerice, Slovakia (2005).
6. Graceful-type labelings and spanning tree factorization of complete graphs, *3rd International Workshop on Graph Labelings IWOGL 2005*, Herlany, Slovakia (2005).
7. Handicap labelings of regular graphs, *47th Czech and Slovak Conference Graphs 2012*, Litomyšl (2012).
8. On regular handicap graphs, *Seventh Czech-Slovak International Symposium on Graph Theory, Combinatorics, Algorithms and Applications*, Košice, Slovakia (2013).