

<http://math.lanl.gov/~milan/publications.html>

Refereed CONFERENCES and WORKSHOPS

- 1 Milan Bradonjić, Aric Hagberg, Nicolas W. Hengartner, Allon G. Percus, “Component Evolution in General Random Intersection Graphs”. *Proceedings of the 7th Workshop on Algorithms and Models for the Web-Graph (WAW2010)*. Lecture Notes in Computer Science, Vol. 6516, pp. 36-49, 2010.
- 2 Milan Bradonjić, Robert Elsässer, Tobias Friedrich, Thomas Sauerwald, Alexandre Stauffer, “Efficient Broadcast on Random Geometric Graphs”, *Symposium on Discrete Algorithms, SODA2010*, pp. 1412-1421.
- 3 Milan Bradonjić, Gunes Ercal-Ozkaya, Adam Meyerson, Alan Roytman, “On the Price of Mediation”, *10th ACM Conference on Electronic Commerce, EC09*, 2009, pp. 315-324.
- 4 Milan Bradonjić, Eddie Kohler, Rafail Ostrovsky, “Near-Optimal Energy Consumption for Radio Synchronization”, *5th International Workshop on Algorithmic Aspects of Wireless Sensor Networks Algosensors*, Rhodes, Greece, 2009, pp. 15-28.
- 5 Milan Bradonjić, Tobias Müller, Allon Percus, “Coloring Geographical Threshold Graphs”, *Proceedings of the Fifth Workshop on Analytic Algorithmics and Combinatorics (ANALCO 09)*, pp. 11-16, 2009, pp. 11-16.
- 6 Milan Bradonjić, Aric Hagberg, Allon G. Percus, “Giant Component and Conenctivity in Geographical Threshold Graphs”, *Proceedings of the 5th Workshop on Algorithms and Models for the Web-Graph (WAW2007)*. Lecture Notes in Computer Science, Vol. 4863, pp. 209-216, 2007.
- 7 Milan Bradonjić, Joseph S. Kong, “Wireless Ad Hoc Networks with Tunable Topology”, *45th Annual Conference on Communication, Control and Computing, Allerton 2007*.
- 8 Milan Bradonjić, Aric Hagberg, Feng Pan, ”Performance of Wireless Sensor Networks Under Random Node Failures”. Submitted.

JOURNALS

- 9 Milan Bradonjić, Tobias Müller, Allon Percus, “Coloring Geographical Threshold Graphs”. *Discrete Mathematics & Theoretical Computer Science*, vol. 12, no. 3, pp. 103-114, 2010.
- 10 Milan Bradonjić, Aric Hagberg, Allon G. Percus, “The Structure of Geographical Threshold Graphs”, *Internet Mathematics*, vol. 5, no. 1–2, pp. 113–139, 2008.
- 11 Andrew Beveridge and Milan Bradonjić, “On the Mixing Time of Geographical Threshold Graphs”, *Discrete Mathematics, Elsevier*. In Review.
- 12 Milan Bradonjić, Eddie Kohler, Rafail Ostrovsky, “Near-Optimal Radio Use For Wireless Network Synchronization”. *Theoretical Computer Science*. In Review.
- 13 Milan Bradonjić, Loukas Lazos, “Clustering Methods for Cognitive Radio Networks based on Biclique Graphs”. *Ad Hoc Networks, Elsevier*. Submitted.
- 14 Milan Bradonjić, Gunes Ercal-Ozkaya, Adam Meyerson, Alan Roytman, “On the Price of Mediation”. *Games and Economic Behavior, Elsevier*. Journal version. Submitted.
- 15 Milan Bradonjić, Aric Hagberg, Nicolas W. Hengartner, Allon G. Percus, “Emergence of the Giant Component in General Random Intersection Graphs”. To be submitted to *Random Structures & Algorithms*.

WORK in PROGRESS

- 16 Milan Bradonjić, Michael Molloy, Guanhua Yan, “Minimizing malware reachability under network constraints”. In preparation.
- 17 James Abello, Milan Bradonjić, Aric Hagberg, “Generation of Planar Macroviews of Large Multi-Dimensional Relations”. In preparation.
- 18 Milan Bradonjić, Albert Cohen, “Optimal Switching Controls in Online Selling Models”. In preparation.

