List of Publications

BOOKS AND CHAPTERS/SECTIONS IN BOOKS

1. A. Askarian, R. Xu, and A. Faragó, “Parallelizing Large Scale Graph Algorithms Using the Apache Spark Distributed Memory System,” In: Graph Theoretic Approaches for Analyzing Large-Scale Social Networks, ed. N. Meghanathan, IGI Global, 2017.


**REFEREED JOURNALS**


82. Z. Chen and A. Faragó, “A Clique Based Web Graph Model,” *IADIS International Conference on WWW/Internet (ICWI’12)*, Madrid, Spain, October 18-21, 2012.


88. S. Basagni, A. Faragó, M.A. Nanni and Dung T. Tran, “Increased Connectivity at Lower Cost: The Case for Multi-radio Nodes in Multi-hop Wireless Networks”, *IEEE Global Communications Conf. (GLOBECOM’09)*, Honolulu, Hawaii, Dec 2009

89. A. Faragó, “Analysis of Fundamental Limits for Partial Connectivity in Wireless Networks”, *IEEE Global Communications Conf. (GLOBECOM’09)*, Honolulu, Hawaii, Dec 2009


Communications in Computing (CIC’06), Las Vegas, Nevada, June 26-29, 2006.


*PATENTS*


TECHNICAL REPORTS


199. A. Faragó, “All-Pairs Distances of Points Via Linear Number of Distance Computations in Normed Spaces,” Technical Report UTDCS-17-13, Dept. of Computer Science, The University of Texas at Dallas, October 2013.


224. N. Meghanathan and A. Faragó, ”An Efficient Algorithm for the Optimal Number of Route Transitions in Mobile Ad Hoc Networks”, Dept. of Computer Science, The University of Texas at Dallas, Technical Report UTDCS-02-05.

225. N. Meghanathan and A. Faragó, ”Extension of the Algorithm for Optimal Number of path Transitions to Steiner Trees and Connected Dominating Sets”, Dept. of Computer Science, The University of Texas at Dallas, Technical Report UTDCS-03-05.


Further 25 reports in Hungarian language, detailed list is omitted.

Invited lectures, colloquia presentations


