Short Resume

Reuven Bar-Yehuda

December 1, 2015

Address: Computer Science Department, Technion IIT, Haifa 32000, Israel
Identification: 0-6506982-5
Date of Birth: July 17, 1951
Status: Married+2
www: http://www.cs.technion.ac.il/~reuven

Publications

Refereed papers in professional journals

Journals

1. Bar-Yehuda R. and Dror Rawitz. A note on multicovering with disks. *Computational Geometry: Theory and Applications* 46(3):394-399, 2013.

2. Amzallag D., R. Bar-Yehuda, D. Raz and G. Scalosub, Cell Selection in 4G Cellular Networks. Accepted to *IEEE Transactions on Mobile Computing* 2013.

3. Bar-Yehuda R., G. Polevoy and D. Rawitz, Bandwidth allocation in cellular networks with multiple interferences. Discrete Applied Mathematics 194:23–26, 2015.

Refereed Papers in Conference Proceedings

1. Bar-Yehuda R., E. Kantor, S. Kutten, D. Rawitz, Growing Half-Balls: Minimizing Storage and Communication Costs in CDNs. ICALP (2) 2012: 416-427

2. Reuven Bar-Yehuda, Michael Beder, and Dror Rawitz. A constant factor approximation algorithm for the storage allocation problem. 25th SPAA, 204-213, 2013

3. Reuven Bar-Yehuda, Gilad Kutiel, and Dror Rawitz. 1.5-Approximation Algorithm for the 2-Convex Recoloring Problem. To appear in 26th IWOCA, 2015.

Graduate Students

Completed Thesis

1. Gleb Polevoy
   M.Sc.: 2012 Bandwidth Allocation in Cellular Networks with Multiple Interferences

2. Beder Michael
   M.Sc.: 2013 Approximation Algorithms for Resource Scheduling and Allocation Problems

Thesis in Progress

1. Gilad Kuttiel
   PhD: Since October 2014, Convex Recoloring of Trees

Research Grants

2013- Principal investigator in the Neptune consortium administered by the chief scientist of the Israeli Ministry of Industry and Trade. $85,000/year.