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RESEARCH INTERESTS

Computational geometry; Parallel algorithms; Combinatorial algorithms

ACADEMIC POSITIONS

Assistant Professor, *2015—*
Department of Electrical and Computer Engineering,
Babol Noshirvani University of Technology

EDUCATION

Tarbiat Modares University, Tehran *2011—2015*
PhD in Computer Engineering

Tarbiat Modares University, Tehran *2008—2010*
MSc in Computer Engineering

Sharif University of Technology, Tehran *2004—2008*
BSc in Computer Engineering

HONOURS AND AWARDS

Gold Medal in 13th Iranian National Olympiad in Informatics *2003*

PUBLICATIONS

A Practical Algorithm for Enumerating Collinear Points, With R. A. Rufai, Preprint, 2017, arXiv:1706.05412 [cs.CG].

An Improved Lower Bound for General Position Subset Selection, Preprint, 2017, arXiv:1702.08654 [cs.CG].

Image Preprocessing with a Parallel Optoelectronic Processor, With S. Jalili, *Computers & Electrical Engineering* 46:554–565, 2015.

RANGI: A Fast List-Colored Graph Motif Finding Algorithm, With S. Shahrivari, S. Jalili, Z. R. M. Kashani, *ACM/IEEE Transactions on Computational Biology and Bioinformatics* 10(2):504–513, 2013.

A Parallel Optical Implementation of Arithmetic Operations, With S. Jalili, *Optics & Laser Technology* 49:173–182, 2013.

A New Light-Based Solution to the Hamiltonian Path Problem, With J. S. Sartakhti, S. Jalili, *Future Generation Computer Systems* 29:520–527, 2013.