Ali Gholami Rudi — Curriculum Vitae

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RESEARCH INTERESTS	Computational geometry; Parallel algorithms		
ACADEMIC POSITIONS	Assistant Professor, Department of Electrical and Computer Engineering, Babol Noshirvani University of Technology		2015—
Education	Tarbiat Modares Univ	• •	2011—2015
	Tarbiat Modares Unit	• •	2008—2010
	Sharif University of T BSc in Computer Eng	00,	2004—2008
Honours and Awards	Gold Medal in 13th Iranian National Olympiad in Informatics		2003
PREPRINTS AND PUBLICATIONS	Looking for Bird NessarXiv:1803.07773 [cs.	ts: Identifying Stay Points with Bounded Gaps. CG].	

Time-Windowed Contiguous Hotspot Queries. *Proceedings of the 1st Iranian Conference on Computational Geometry*, 15–18, 2018. arXiv:1711.03795 [cs.CG].

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

An Improved Lower Bound for General Position Subset Selection. *Int. J. Computing Science and Mathematics* 8(6):562–569, 2017. arXiv:1702.08654 [cs.CG].

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

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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.

PATENTS

IROST Patent: Electro-optic Parallel Processor. With S. Jalili, R. R. Dehsorkh. Iranian Research Organization for Science and Technology, 2017.

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