

ADITYA VIKRAM SINGH

Department of Electrical Communication Engineering
Indian Institute of Science
Bengaluru 560012
Email: adityavs@iisc.ac.in

Education

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|---|---------------------|
| Indian Institute of Science, Bangalore PhD program in Department of Electrical Communication Engineering (Prime Minister's Research Fellow) Advisor: Prof. Himanshu Tyagi | Aug 2019 – Present |
| Indian Institute of Science, Bangalore Master of Technology (Research) in Electrical Engineering Advisor: Prof. K.N. Chaudhury | Aug 2016 – Jan 2019 |
| Indian Institute of Technology, Hyderabad Bachelor of Technology in Electrical Engineering with Minor in Physics | 2009 – 2013 |

Employment

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| Indian Institute of Science Bengaluru, India | Research Assistant Feb 2019 - Jun 2019 |
| Qualcomm India Pvt. Ltd. Hyderabad, India | Engineer 2013 - 2015 |
| Gallium Arsenide Enabling Technology Center Hyderabad, India | Intern Summer 2012 |

Papers

- [1] A.V. Singh, K.N. Chaudhury. **On Uniquely Registrable Networks.**
IEEE Transactions on Network Science and Engineering.
- [2] A.V. Singh, K.N. Chaudhury. **When can a System of Subnetworks be Registered Uniquely?**
Oral presentation at IEEE International Conference on Acoustic, Speech, and Signal Processing (ICASSP) 2019.
- [3] R. Sanyal, A.V. Singh, K.N. Chaudhury. **An Iterative Eigensolver for Rank-Constrained Semidefinite Programming.**
Oral presentation at National Conference on Communications (NCC) 2019.
- [4] A.V. Singh, K.N. Chaudhury. **Convergence Analysis of Nonconvex ADMM for Rigid Registration.**
Preprint at Arxiv.