

The Hong Kong University of Science and Technology

Department of Mathematics

Seminar on Data Science, Applied Mathematics and Computational Science

Distributed consensus optimization algorithms

by

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<u>Abstract</u>

Distributed consensus optimization over networks has many applications in the wireless sensor networks, resource allocations, and internet of things. In this talk, I will introduce several consensus optimization algorithms: how to derive them; how to choose parameters; and their convergence results. Specifically, I will show the optimal range of the parameters for EXTRA; and I will introduce NIDS--the first algorithm that can have a large and network-independent stepsize.

Date:	Friday, 4 May 2018
Time:	3:00p.m. – 4:00p.m.
Venue:	Room 5506 (lift 25, 26), Academic Building, HKUST

All are welcome!