

LIANGZU PENG

www.liangzu.org

SIST, ShanghaiTech University

penglz@shanghaitech.edu.cn • (86) 157-0007-7740

EDUCATION

ShanghaiTech Univerisity, Shanghai, China

Sep. 2017 - Now

M.S. in Computer Science (advised by Prof. Manolis C. Tsakiris)

Zhejiang University, Hangzhou, China

Sep. 2013 - Jun. 2017

B.Eng. in Measurement Control Technology and Instruments

PUBLICATIONS

Under Review.

1. M. C. Tsakiris, **L. Peng**, A. Conca, L. Kneip, Y. Shi, and H. Choi, "An algebraic-geometric approach to shuffled linear regression". arXiv preprint, Oct. 2018.

Conference Papers.

1. M. C. Tsakiris and **L. Peng**, "Homomorphic sensing", *International Conference on Machine Learning* (ICML), Long Beach, USA, Jun. 2019.
2. **L. Peng**, X. Song, M. C. Tsakiris, H. Choi, L. Kneip, and Y. Shi, "Algebraically-initialized expectation maximization for header-free communication", in *Proc. IEEE Int. Conf. Acoust. Speech Signal Process.* (ICASSP), Brighton, UK, May 2019.

TEACHING

As Teaching Assistant:

SI 232, Subspace Learning

Fall 2019

CS 133, Advanced C++ Programming

Spring 2019

SI 192, Applied Algebraic Geometry

Spring 2019

SI 112, Advanced Geometry¹

Spring 2018

CORE COURSES

Undergraduate Level:

Algorithms, Compiler, Operating System, Real Analysis.

Graduate Level:

Visual SLAM, Deep Learning, Optimization, Matrix Analysis.

SKILLS

Programming: C, C++, Python, C#, Java, Matlab, Shell.

Tools: PyTorch, Caffe, \LaTeX .

¹See lecture notes at: <http://www.liangzu.org/en/ag-notes.html>