LIANGZU PENG

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EDUCATION

ShanghaiTech Univeristy, Shanghai, China   Sep. 2017 - Now
      M.S. in Computer Science (advisor: Manolis C. Tsakiris)

Zhejiang University, Hangzhou, China   Sep. 2013 - Jun. 2017
      B.Eng. in Measurement Control Technology and Instruments

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PUBLICATION

arXiv.
1. M. C.Tsakiris, **L. Peng**, A. Conca, L. Kneip, Y. Shi, and H. Choi, "An algebraic-geometric approach to linear regression without correspondences", arXiv:1810.05440v2 [cs.LG], 2019.

Conference Papers.
1. M. C. Tsakiris and **L. Peng**, "Homomorphic sensing", International Conference on Machine Learning (ICML), 2019.
2. **L. Peng**, X. Song, M. C. Tsakiris, H. Choi, L. Kneip, and Y. Shi, "Algebraically-initialized expectation maximization for header-free communication", International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 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 Geometry[1]   Spring 2018

CORE COURSES

Undergraduate Level:
      Algorithms, Compiler, Operating System, Real Analysis, Point Set Topology, Algebraic Geometry.

Graduate Level:
      Visual SLAM, Deep Learning, Optimization, Matrix Analysis.

SKILLS

      C, C++, Python, Java, Matlab, Shell, PyTorch, Caffe, LaTeX.

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[1]lecture notes available: http://www.liangzu.org/en/ag-notes.html