



Dawei Liu

Personal Information

Name: Dawei Liu

Gender: Male

Date of Birth: 12th August, 1991

Place of Birth: Jinzhong, Shanxi, China

Business Address: No.28 of Xianning West Road, Xi'an, Shaanxi, 710049

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Research Focus

Seismic signal processing, deep learning, tensor decomposition, and time-frequency analysis

Skills

Tensorflow, Python, GPU, CUDA, Matlab

Education

- PhD candidate in information and communication engineering, Xi'an Jiaotong University, Xi'an, Shaanxi, China, September 2018
- M.S. candidate in electronics and communication engineering, Xi'an Jiaotong University, Xi'an, Shaanxi, China, September 2015- July 2018
- Bachelor of engineering (Communication engineering), Chang'an University, Xi'an, Shaanxi, China, September 2009- June 2013

Publications and Keynote Presentations

Dawei Liu, Wei Wang, Wenchao Chen, Xiaokai Wang, Yanhui Zhou, Zhensheng Shi. Random noise suppression in seismic data: what can deep learning do? [C].2018 SEG Annual Meeting, 2018.

Fen Zhang, **Dawei Liu**, Xiaokai Wang, Wenchao Chen. Random noise attenuation method for seismic data based on deep residual network[C]. 2018 CPS/SEG Annual Meeting, 2018.

Siqi Chi, Wenchao Chen, Lu Zhang, **Dawei Liu**, Jianyou Chen. Three-dimensional seismic texture attributes analysis based on removed strong background noise[C]. 2018 CPS/SEG Annual Meeting, 2018.

Jianyou Chen, Wenchao Chen, Xiaokai Wang, **Dawei Liu**. The DAS coupling noise removal using alternating projection iteration with united sparse transforms. 2018 CPS/SEG Annual Meeting, 2018.

Jianyou Chen, Yuefeng Pang, Wenchao Chen, Lei Gao, **Dawei Liu**. The analysis of space dimensionality reduction error in SVD filtering algorithm with application to



VSP wavefield separation [C].2018 CPS/SEG Annual Meeting, 2018.

Awards and Group Memberships

School outstanding postgraduate Cadre, September 2016

School outstanding graduate students, September 2013

Self-assessment

Energetic, dynamic and honest

Excellent ability of systematical management

Ability to work independently, mature and resourceful

Hobbies

Basketball, cycling, badminton, table tennis