

Xingjian Xu

Tianshui Road — Lanzhou University, Lanzhou 730030
☎ + (86)15593191012 • ✉ xxjan6291@126.com
🌐 xxjan719@github.io • 🌐 <https://github.com/xxjan719>

Education

- ▶ **M.S. Computational Mathematics**, Sep 2020 -Now **Tutor:Professor Minghua Chen**
Lanzhou University;Lanzhou,
- ▶ **B.A. Applied Statistics**, Sep 2016 -Jun 2020
South China Normal University; Guangzhou

Research Interests(For Now) _____

- ▶ **Numerical Methods**
Finite Diference Method, Shooting Method, Particle Method
- ▶ **Statistics**
Medical Statistics Model, Time series analysis, Multi-Variable Regression
- ▶ **Machine Learning**
FNN, Regression, Classification,Data-driven identifcation

Courses & Experience & Paper Preprint

Courses _____

2020-2021

- ▶ **Algebra,Modern Computational Methods, Linear Functional Analysis,Unlinear Functional Analysis,Probability and Statistic,Machine Learning, Partial Difference Equations**

Experience _____

- ▶ **2021.01 -2021.06**
Make a statistic model above the western electrictic energy dataset with Guoxin Zhang's group.

Paper Preprint _____

[1]. Discovery of subdiffusion problem with noisy data via deep learning **Journal of Scientific Computing**

Paper preparing _____

- ▶ **Topic 1:**
Implied voliatlioly identification and discovery in BS model.

- ▶ **Topic 2:**
Probability linear multistep method with deep learning.
- ▶ **Topic 3:**
Data-driven method for augmented-prolongational operator in solving PDE.

Grants & Awards

Grants

M.S. Period

- ◇ 2021-2022 Second-class scholarship for graduate students
- ◇ 2020-2021 Third-class scholarship for graduate students

B.A. Period

- ◇ 2019-2020 Scholarship of School of Mathematical Sciences of South China Normal University

Awards

M.S. Period

- ◇ 2019 Grand Prize in Mathematics Competition
- ◇ 2019 First Prize of Guangdong Province in the National College Student Statistic
- ◇ 2019 H Prize(Second Prize) in American Mathematics Model Match
- ◇ 2018-2020 First Grades in Multi Statistics subjects