

Gaoming (Carsten) Chen

gchen65@jhu.edu

Education

Johns Hopkins University, Department of Applied Mathematics and Statistics

Ph.D. in Applied Mathematics (in progress)

- Supervisor: Fadil Santosa

Baltimore, MD

Aug 2024 – Present

Johns Hopkins University, Department of Applied Mathematics and Statistics

Visiting Undergraduate Student

- Supervisor: Fadil Santosa

Baltimore, MD

Sep 2023 – Dec 2023

Renmin University of China, School of Mathematics

B.S. in Mathematics (Honor)

- Cumulative GPA: 3.90/4.00

Beijing, China

Aug 2020 – June 2024

Publications

G. Chen, F. Santosa, W. Symes, Well-posed questions for ill-posed inverse problems: a note in memory of Pierre Sabatier, *Inverse Problem* accepted.

G. Chen, F. Santosa, A. Titi, Determination of a small elliptical anomaly in electrical impedance tomography using minimal measurements, *Inverse Problem* **40** (2024) 115006.

Teaching

Johns Hopkins University

- EN.553.636 Introduction to Data Science (Teaching Assistant)

Fall 2024, Spring 2025,
Fall 2025

Service

Johns Hopkins University

- AMS First-year Ph.D. Student Seminar, Organizer

Fall 2024

Skills

Languages: Latex, Python, C/C++