Seismic Inversion in the Bayesian Framework for Infinite-Dimensional Inverse Problems

Abhijit Chowdhary and Alen Alexanderian

Department of Mathematics North Carolina State University

April 20, 2022

Work done through NSF-DMS-2111044



- Introduction and Goals
- Seismic Inversion Model Problem
- Bayesian Inversion Setting
- Mumerical Discretization and Considerations
- Results
- 6 Discussion and Future Work

- Introduction and Goals
- Seismic Inversion Model Problem
- Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- Results
- 6 Discussion and Future Work

- Introduction and Goals
- Seismic Inversion Model Problem
- Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- Results
- 6 Discussion and Future Work

- Introduction and Goals
- Seismic Inversion Model Problem
- Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- 6 Results
- Discussion and Future Work

- Introduction and Goals
- Seismic Inversion Model Problem
- 3 Bayesian Inversion Setting
- Mumerical Discretization and Considerations
- 6 Results
- Objective in the image of th

- Introduction and Goals
- Seismic Inversion Model Problem
- Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- Results
- 6 Discussion and Future Work

- Introduction and Goals
- Seismic Inversion Model Problem
- Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- 6 Results
- O Discussion and Future Work