

Efficient Metrics for Uncertainty Quantification in a Bayesian Seismic Inversion Setting

Abhijit Chowdhary and Alen Alexanderian

Department of Mathematics
North Carolina State University

April 15, 2022

Insert NSF Grant support here?

Table of Contents

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

Table of Contents

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

Table of Contents

- 1 Introduction and Goals
- 2 Seismic Inversion Model Problem**
- 3 Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- 5 Results
- 6 Discussion and Future Work

Table of Contents

- 1 Introduction and Goals
- 2 Seismic Inversion Model Problem
- 3 Bayesian Inversion Setting**
- 4 Numerical Discretization and Considerations
- 5 Results
- 6 Discussion and Future Work

Table of Contents

- 1 Introduction and Goals
- 2 Seismic Inversion Model Problem
- 3 Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations**
- 5 Results
- 6 Discussion and Future Work

Table of Contents

- 1 Introduction and Goals
- 2 Seismic Inversion Model Problem
- 3 Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- 5 Results**
- 6 Discussion and Future Work

Table of Contents

- 1 Introduction and Goals
- 2 Seismic Inversion Model Problem
- 3 Bayesian Inversion Setting
- 4 Numerical Discretization and Considerations
- 5 Results
- 6 Discussion and Future Work**