Fermion Bag Hamiltonian Lattice Field Theory Code Manual

 ${\bf Joseph~Buck}$ ${\bf Emilie~Huffman~Department~of~Physics,~Wake~Forest~University,~Winston-Salem,~NC}$

August 14, 2025

Contents

1	Introduction	2
2	Theoretical Background	2
3	Software Overview	2
4	Installation and Setup	2
5	Input Parameters	2
6	Output Files and Data	2
7	Physics Implementations	2
8	Extending and Contributing to the Code	2
9	Testing and Validation	2
10	Examples and Tutorials	2
11	Appendices	2

- 1 Introduction
- 2 Theoretical Background
- 3 Software Overview
- 4 Installation and Setup
- 5 Input Parameters
- 6 Output Files and Data
- 7 Physics Implementations
- 8 Extending and Contributing to the Code
- 9 Testing and Validation
- 10 Examples and Tutorials
- 11 Appendices

References