

Department of Physics and Astronomy
University of Heidelberg

Master Thesis in Physics
submitted by

Till Bungert

born in Lebach (Germany)

2021

WIP

This Bachelor Thesis has been carried out by Till Bungert at the
INTERDISCIPLINARY RESEARCH CENTER FOR SCIENTIFIC COMPUTING
under the supervision of
PROF. DR. ULLRICH KÖTHE

Abstract

WIP

Contents

1	Introduction	1
2	Theoretical Background	2
3	Methods and Experiments	3
3.1	Invertible Neural Networks	3
3.2	Deep Archetypal Analysis	3
4	Results	4
5	Discussion and Outlook	5

Chapter 1

Introduction

Chapter 2

Theoretical Background

Chapter 3

Methods and Experiments

3.1 Invertible Neural Networks

3.2 Deep Archetypal Analysis

Chapter 4

Results

Chapter 5

Discussion and Outlook