

Welkin  
An Information Language

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September 2023



# Preface

To be written...



# Chapter 1

## Introduction

For Whitehead (and for many modern philosophers)... bifurcations, divergences, impossibilities, and discord belong to the same motley world that can no longer be included in expressive units, but only made or undone according to prehensive units and variable configurations or changing captures. In a same chaotic world divergent series are endlessly tracing bifurcating paths. It is a “chaosmos” of the type found in Joyce, but also in Maurice Leblanc, Borges, or Gomrowicz.

Starting Outline:

- Describe the ways philosophers/mathematicians have approached organizing the world around them.
- Reflect on two major shortcomings of these approaches: having little metaphysical explanation for how things can be combined, and a lack of generality for several concepts
- Explain the essential goals of Welkin, built upon CFLT



## Chapter 2

# Background

### 2.1 Western and Eastern Thought

### 2.2 Foci: Georg Cantor and Others

### 2.3 Continua: Charles Peirce

- Discuss Peirce's role in mathematical
- Briefly mention Pragmatism
- Explain what Peirce thought about Cantor's theory, and introduce his concept of multitudes
- Informally justify the mathematical value of Peirce's writings, arguing that more concrete axioms need to be developed from his ideas

### 2.4 Folds: Deleuze





## Chapter 3

# Continuum Foci Logic and Theory

### 3.1 Axioms

### 3.2 Fundamental Properties

### 3.3 Key Implications



## Chapter 4

# The Welkin Standard

4.1 The Welkin Language

4.2 Core Algorithms

4.3 General Application Behavior



## Chapter 5

# Expanding Complexity