



CONTENTS

Preface • ix

CHAPTER ONE THE ORIGIN AND COMPOSITION OF THE UNIVERSE

Time Is Only a Comparison	3
Logic Is Simply a Reflection	7
Has the Universe Always Existed?	9
Before the Universe Existed	12
Empty Space Is Nothing	13
How the Universe Came into Existence	16
An Introduction to Origo	17
Chapter One Highlights	22

CHAPTER TWO THE ORIGIN AND DISTRIBUTION OF MATTER

The First Production Run	27
Energy Structures and Their Distribution	29
The Inward and the Outward Forces	30
What Holds It All Together?	31
Chapter Two Highlights	34

CHAPTER THREE

GRAVITY AND THE WARPING OF SPACE-TIME

“An Attraction between Objects” 39

The Fabric of the Universe and the
Gravitational Field 41

The Energy Acting upon an Object Within
and Without a Gravitational Field 43

Is Gravity the Result of a Pull or a Push? 46

Artificial Gravitational Fields and a
Revolutionary New Propulsion System 47

Gravitons and Gravitational Waves 52

Inertia 53

Chapter Three Highlights 56

CHAPTER FOUR

LIGHT AND ITS MOTION THROUGH THE UNIVERSE

What Is Light When It Is Not Being Observed? . 61

Why Light Travels at the Speed That It Does . . 62

The Generation of Light 70

The Frequency of Light 73

The Motion of Light 74

Misinterpreted Experiments 77

The Michelson-Morley Experiment 79

The Apparent Corpuscular Property of Light . . 81

The Diffraction-Box Experiment 84

Edwin Hubble’s Doppler Shifts (I) 85

The Red-Shift Communication System 89

CONTENTS

How a Gravitational Field Affects Light 90
 Edwin Hubble’s Doppler Shifts (II) 93
 The Age of the Universe 94
 Why the Night Sky is Dark 95
 Chapter Four Highlights 97

CHAPTER FIVE

**BLACK HOLES AND MATTER AT
THE SPEED OF LIGHT**

What a Black Hole Is 101
 Escape Velocity 101
 The Ever-Changing Event Horizon 103
 Matter at the Speed of Light 105
 The Light-Speed Limit 106
 Matter above the Speed of Light 106
 Chapter Five Highlights 108

CHAPTER SIX

AN ATOMIC EXPLANATION

The Current Atomic Model 111
 Something Here Is Not Quite Right 111
 The Optional Laws of Physics 112
 The Nucleus’ Gravitational Field 114
 Transient Energy and the Electrosphere 115
 No Electrons Inside 119
 Origo’s Motion through Matter 122
 Chapter Six Highlights 124

CHAPTER SEVEN

THE MAGNIFICENT MAGNETIC FIELD

The Energy Within a Magnetic Field	129
How Magnetic Fields Are Generated	131
Repulsion between Two North Poles	135
Repulsion between Two South Poles	137
Attraction between a North and a South Pole . .	138
Magnetic Monopoles	140
Chapter Seven Highlights	142

Conclusion • 143

Acknowledgements • 145

Predico • 151

Gravitational Challenge • 155

Glossary • 157

Index • 167

About the Author • 173

Contact the Author • 177

Order form • 178