

# Contents

## Preface — VII

### 0 Introduction — 1

- 0.1 Logic and Terminology — 1
- 0.2 Definitions — 5
  - 0.2.1 Types of Definitions — 5
  - 0.2.2 Eliminability and Non-Creativity — 7
- 0.3 Principles of Deduction — 7
- 0.4 Interpretation — 8

### 1 Belief Systems of Science and Religion — 10

- 1.1 Belief Systems — 10
  - 1.1.1 Scientific and Religious Belief Systems — 11
  - 1.1.2 Two Types of Belief — 12
  - 1.1.3 Relations Between the Two Types of Belief and Knowledge — 13
- 1.2 Scientific Belief System — 16
  - 1.2.1 True Immediate Objective Principles — 17
  - 1.2.2 True Immediate Intrasubjective Statements of Introspection — 18
  - 1.2.3 Scientific Proof — 18
  - 1.2.4 Verification — 19
  - 1.2.5 Strong Concept of Knowledge — 19
  - 1.2.6 Corroboration and Explanation — 20
  - 1.2.7 Justified True Belief — 21
  - 1.2.8 Epistemic Entropy and Epistemic Information — 22
  - 1.2.9 Methodological Knowledge — 26
  - 1.2.10 Scientific Belief — 29
  - 1.2.11 Definition of Scientific Belief System — 30
- 1.3 Religious Belief System — 31
  - 1.3.1 Religious and Profane Propositions and Norms — 32
  - 1.3.2 Relations among the Propositions of RBS — 33
  - 1.3.3 Knowledge among Religious Belief Systems — 35
  - 1.3.4 Knowledge as Corroboration and Explanation ( $K_{cor}$ ) in RBS — 38
  - 1.3.5 Knowledge as Justified True Belief ( $K_{jfd}$ ) in RBS — 38
  - 1.3.6 Epistemic Entropy and Epistemic Information Applied to RBS — 40
  - 1.3.7 Epistemic Entropy and Epistemic Information Applied to Norms of RBS — 41
  - 1.3.8 Definition of Religious Belief System — 43

1.3.9	Christian Belief System (ChBS) — <b>44</b>
1.4	Basic Knowledge about the Object of Religion — <b>47</b>
1.4.1	An Explanation for the World — <b>48</b>
1.4.2	The Acceptance of the Creed — <b>49</b>
1.4.3	Basic Knowledge of God of Religious People — <b>49</b>
1.4.4	Basic Knowledge of God for Everybody? — <b>53</b>
1.4.5	Voluntary Assent — <b>55</b>
1.4.6	Conservation of A 2 Needs Voluntary Assent — <b>58</b>
1.5	Basic Knowledge Through Man’s Conscience — <b>59</b>
1.5.1	All Human Beings are Endowed with Reason and Conscience — <b>59</b>
1.5.2	All Human Beings Know That They Should Follow Their Conscience — <b>63</b>
1.5.3	All Religious People Know That They Should Follow Their Conscience — <b>64</b>
<b>2</b>	<b>Necessary Conditions for the Credibility of BS: Meeting Natural Goods – Natural and Moral Law – Conscience — 67</b>
2.1	Good and Evil in General — <b>67</b>
2.1.1	Definition of Value Judgment and Norm — <b>69</b>
2.1.2	Good in General — <b>72</b>
2.1.3	Evil in General — <b>73</b>
2.1.4	Good – Opposite of Evil — <b>74</b>
2.1.5	Comparative Good — <b>76</b>
2.2	Natural Good — <b>77</b>
2.2.1	Basic Good — <b>77</b>
2.2.2	Other Views on Good — <b>79</b>
2.2.3	Social Human Good — <b>82</b>
2.2.4	Higher Human Good or Value — <b>83</b>
2.2.5	Basic Religious Good — <b>84</b>
2.2.6	Higher Religious Good — <b>86</b>
2.3	Natural Evil — <b>87</b>
2.3.1	Basic Evil — <b>87</b>
2.3.2	Other Evils — <b>88</b>
2.4	Principle of Natural Good — <b>89</b>
2.4.1	Definition of Natural Good and Natural Evil — <b>89</b>
2.4.2	Inclination to Natural Good and Against Natural Evil — <b>90</b>
2.4.3	Indirect Proof of Axiom A 6 — <b>90</b>
2.4.4	Inclination to Basic Good — <b>92</b>
2.4.5	Inclination to Social Human Good — <b>95</b>
2.4.6	Inclination to Higher Human Good — <b>96</b>

2.4.7	Inclination to Basic Religious Good — <b>97</b>
2.4.8	Inclination Against Natural Evil — <b>99</b>
2.4.9	Consistency Conditions for Human Actions and Operations — <b>101</b>
2.5	Natural Law — <b>102</b>
2.5.1	The First Principle of Natural Law — <b>102</b>
2.5.2	Indirect Proof of Axiom A 8 — <b>105</b>
2.5.3	PNL Is Not Concerned with Every Good and Every Evil — <b>106</b>
2.5.4	Basic and Social Goods Required by Natural Law — <b>108</b>
2.5.5	Higher Human and Basic Religious Goods Required by Natural Law — <b>109</b>
2.5.6	PNL and Natural Evil — <b>110</b>
2.5.7	Respect and Care for Natural Goods of Others — <b>112</b>
2.5.8	PNL Applied to Personal Goods and Evils — <b>117</b>
2.6	Moral Law — <b>118</b>
2.6.1	The First Principle of Moral Law — <b>118</b>
2.6.2	Moral Good – Religious Interpretation — <b>120</b>
2.6.3	The Theorems of God’s Commands — <b>123</b>
2.6.4	Higher Religious Good is a Moral Good — <b>125</b>
2.6.5	Moral Evil – Religious Interpretation — <b>126</b>
2.6.6	Religious Moral Good and Evil Exists — <b>128</b>
2.6.7	There is No All-Willing or All-Causing God — <b>130</b>
2.6.8	Moral Good and Moral Evil – Profane Interpretation — <b>131</b>
2.7	Conscience — <b>135</b>
2.7.1	What is Conscience? — <b>135</b>
2.7.2	The Argument-Structure of Conscience: First Mode of Application — <b>137</b>
2.7.3	Structure of Conscience: Underlying Principles of Logic — <b>138</b>
2.7.4	The Argument Structure of Conscience: Second Mode of Application — <b>142</b>
2.7.5	Synderesis: Moral Principles — <b>144</b>
2.7.6	The Argument-Structure of Conscience: Third Mode of Application — <b>146</b>
2.7.7	Error in Conscience: Law-like Premise — <b>147</b>
2.7.8	Error in Conscience: Special Premise — <b>149</b>
2.7.9	Error in Conscience: Derivation — <b>151</b>
2.7.10	Does Conscience Bind? — <b>152</b>
2.7.11	Development of Conscience — <b>155</b>
2.7.12	Theory of Conscience: Moral Principles — <b>158</b>
2.7.13	Theory of Conscience: Modes of Application — <b>161</b>
2.7.14	Theory of Conscience: Conscience Binds — <b>163</b>
2.7.15	Theory of Conscience: Error — <b>167</b>

<b>3</b>	<b>Credibility of Scientific and Religious Belief Systems — 171</b>
3.1	Verisimilitude — 171
3.1.1	Relevant Consequence Elements — 172
3.1.2	Replacement and Reduction — 173
3.1.3	Definition of Verisimilitude — 175
3.1.4	Verisimilitude Interpreted by Epistemic Entropy and Epistemic Information — 177
3.1.5	Verisimilitude Applied to Norms — 188
3.1.6	Verisimilitude Applied to Scientific Norms — 190
3.2	Verisimilitude Applied to Religious Norms — 193
3.2.1	The Principle of Charity — 194
3.2.2	Action Principles — 196
3.2.3	The Principle of Charity as an Axiom of Morality — 198
3.2.4	The Verisimilitude of the Principle of Charity — 204
3.2.5	The Commandment to Love God — 208
3.2.6	The Consequences of the First Commandment — 212
3.2.7	The Verisimilitude of the First Commandment — 215
3.3	Upper Bound and Lower Bound for the Credibility of Belief Systems — 218
3.3.1	Credibility Depends on Verisimilitude — 220
3.3.2	Upper Bound and Lower Bound — 221
3.3.3	Exceeding or Meeting the Upper Bound: Verification and Corroboration in SBS — 222
3.3.4	Exceeding or Meeting the Upper Bound: Verification and Corroboration in SBS: Methodological Norms — 228
3.3.5	Exceeding the Upper Bound: Verification of Religious Norms — 230
3.3.6	Norms for Credibility of SBS and RBS — 232
3.3.7	Internal Consistency — 234
3.3.8	Is It Rationally Justifiable to Require Internal Consistency for the Credibility of a BS? — 236
3.4	Lower Bound for the Credibility of Belief Systems — 241
3.4.1	Meeting the Lower Bound and Increasing Credibility — 241
3.4.2	It Is Rationally Justifiable to Require Internal Consistency of an Essential Part of a BS for Its Credibility — 243
3.4.3	Four Different Strategies to Solve Problems — 246
3.4.4	What Ought to Be Believed – the Creed – Ought to Be Consistent — 249
3.4.5	Attacks Against the Internal Consistency of Theodicy — 255
3.4.6	The Internal Consistency of an Adequate Theodicy — 259
3.5	Comparing the Credibility of Belief Systems — 263
3.5.1	External Inconsistency: Two Philosophical Doctrines — 263

3.5.2	External Inconsistency and Local Refutation — <b>266</b>
3.5.3	Local Refutations of Global Assumptions: The Universe Is Everlasting — <b>272</b>
3.5.4	Local Refutation of Global Assumptions: The Universe Emerged from Evolution — <b>276</b>
3.5.5	Local Refutation of Global Assumptions: Evolution Is Due to Chance — <b>282</b>
3.5.6	Local Refutation of Global Assumptions: Dawkins' Main Argument — <b>287</b>
3.5.7	Evolution and Creation — <b>291</b>
3.5.8	Can the Theory of Evolution and the Theory of Creation Complement Each Other? — <b>296</b>
3.5.9	How Evolution and Creation Complement Each Other — <b>301</b>
3.5.10	Can Every Evolution be Interpreted as Creation? The Cooperation of Imperfect Creatures — <b>305</b>
3.5.11	God as Necessary Cause, as Conserving Cause, as Omni-present — <b>310</b>
3.6	One Belief System May Supersede or Surpass Another — <b>317</b>
3.6.1	Examples from the History of Science and Religion — <b>317</b>
3.6.2	BS <sub>1</sub> Is Superseded by BS <sub>2</sub> : Science — <b>318</b>
3.6.3	BS <sub>1</sub> Is Complemented by BS <sub>2</sub> : Stronger Version Concerning Falsity — <b>322</b>
3.6.4	BS <sub>1</sub> Is Surpassed by BS <sub>2</sub> : Religion — <b>325</b>
3.6.5	BS <sub>1</sub> Is Complemented by BS <sub>2</sub> : Stronger Version Concerning Truth — <b>329</b>
3.6.6	Alternative Way of Salvation — <b>332</b>
3.7	The Three Abrahamic Religions Compared to Hinduism, Buddhism, Confucianism and Taoism — <b>336</b>
3.7.1	Theism — <b>337</b>
3.7.2	Life after Death — <b>344</b>
3.7.3	Ethical or Moral Standard — <b>346</b>
3.8	Christianity Compared to Judaism — <b>355</b>
3.8.1	Ambiguity of the Term <i>Judaism</i> — <b>355</b>
3.8.2	Monotheism — <b>356</b>
3.8.3	Properties of God — <b>359</b>
3.8.4	God's Justice, Mercy, and Love — <b>365</b>
3.8.5	Moral Standard — <b>369</b>
3.8.6	Incarnation and Salvation — <b>374</b>
3.8.7	The Judaic Way of Salvation — <b>377</b>
3.8.8	The RBS Judaism Is Surpassed by the RBS Christianity — <b>380</b>
3.9	Christianity Compared to Islam — <b>384</b>

- 3.9.1 Ambiguity of the Term *Islam* — **384**
- 3.9.2 Monotheism — **385**
- 3.9.3 Properties of God — **388**
- 3.9.4 God's Justice, Mercy, and Love — **392**
- 3.9.5 Moral Standard — **394**
- 3.9.6 Extensive Agreement in Important Points — **406**
- 3.9.7 Islamic Way of Salvation — **412**
- 3.9.8 The RBS Islam Is Surpassed by the RBS Christianity — **415**
  
- 4 Religion From a Scientific Point of View — 420**
- 4.1 Common Beliefs of All Religions – Necessary for Their Credibility — **420**
- 4.1.1 What Holds for All Men, Holds for All Members of Religions — **420**
- 4.1.2 Religion Interprets Everything in the Light of a Just and Good Supernatural Spiritual Power — **424**
- 4.1.3 Belief in the Creed — **426**
- 4.1.4 The Ultimate Goal of Man Does Not Lie in This World — **429**
- 4.1.5 What Does It Mean That Something Is Seen in the Light of Something Else? — **430**
- 4.1.6 Something Seen in the Light of Something Else — **432**
- 4.1.7 Interpretive Explanation — **435**
- 4.2 The Credibility of Religion from the Scientific Point of View: Compatibility with Scientific Results — **438**
- 4.2.1 Science and Religion See the World in a Different Light Concerning Truth — **438**
- 4.2.2 Science and Religion See the World in a Different Light Concerning the Good and the Welfare — **442**
- 4.2.3 Compatible with Well-Established Scientific Results — **444**
- 4.2.4 Compatible with Well-Established Scientific Results of Observations, Hypotheses, and Laws — **447**
- 4.2.5 Compatible with Laws of Nature — **451**
- 4.2.6 Beyond the Capacity of Creatures and Serving Salvation — **454**
- 4.2.7 Miracles of Religion and the Whole World Are Caused by God — **455**
- 4.3 The Credibility of Religion from the Scientific Point of View: Methodology with Scientific Standards — **461**
- 4.3.1 Requirements of Scientific Methodology and the Problem of Jonas — **461**
- 4.3.2 Empirical or Non-transcendent Explanation and Corroboration of Basic Beliefs — **463**
- 4.3.3 Empirical or Non-transcendent Explanation and Corroboration of General Moral Norms: Natural, Moral, and Eternal Good — **465**

4.3.4	Empirical or Non-transcendent Explanation and Corroboration of General Moral Norms: Conscience — <b>469</b>
4.3.5	Empirical and Non-Transcendent Test of General Moral Norms: Trial and Error — <b>471</b>
4.3.6	Transcendent Test of Theological Propositions — <b>472</b>
4.3.7	The Problem of Circularity: Religion — <b>477</b>
4.3.8	The Problem of Circularity: Science — <b>479</b>
4.3.9	Application of Norm 1 for the Credibility of RBS — <b>481</b>
4.4	The Credibility of Religion from the Scientific Point of View: Exceeding the Lower Bound — <b>486</b>
4.4.1	Exceeding the Lower Bound — <b>486</b>
4.4.2	Exceeding the Lower Bound: Norm 2 — <b>487</b>
4.4.3	Exceeding the Lower Bound: Trans-Empirical Entities — <b>490</b>
4.4.4	Historical Support — <b>494</b>
4.4.5	Observational Support — <b>496</b>
4.4.6	Predictional Support — <b>498</b>
4.5	Dogma — <b>501</b>
4.5.1	Different Meanings of Dogma — <b>501</b>
4.5.2	Dogma: Church Documents — <b>505</b>
4.5.3	Dogma in the Narrower Sense — <b>509</b>
4.5.4	Important Features of Dogmas of the Catholic Church — <b>510</b>
4.5.5	Infallibility — <b>513</b>
<b>5</b>	<b>Science from a Religious Point of View — 517</b>
5.1	Common Assumptions of All Sciences – Necessary for Their Credibility — <b>517</b>
5.1.1	All Men by Nature Desire to Know — <b>518</b>
5.1.2	The Aim of Science Includes Human and the World's Welfare — <b>520</b>
5.1.3	The Scientific Creed — <b>522</b>
5.1.4	Is the Domain of Science the Whole World or the Whole Universe? — <b>524</b>
5.2	The Credibility of Science from the Religious Point of View: Reduction to One Type of Causality — <b>527</b>
5.2.1	Common Understanding of Causality — <b>527</b>
5.2.2	Philosophical Understanding of Causality — <b>529</b>
5.2.3	Scientific Understanding of Causality — <b>534</b>
5.2.4	Types of Causality in Natural Sciences — <b>536</b>
5.2.5	Confusions Concerning Causality and Determinism/Indeterminism — <b>541</b>
5.2.6	Types of Mental Causality — <b>542</b>

## **XVI — Contents**

5.2.7	Pluralistic Description of Causality —	<b>546</b>
5.2.8	Axioms for a Pluralistic Description of Causality —	<b>549</b>
5.3	The Credibility of Science from the Religious Point of View: Neglect of Teleological Causality and Downward Causality —	<b>554</b>
5.3.1	A Widespread View about Teleological Causality —	<b>554</b>
5.3.2	Teleological Process and Goal —	<b>556</b>
5.3.3	Axiom for Teleological Causality —	<b>559</b>
5.3.4	Teleological Explanation —	<b>563</b>
5.3.5	Mental Teleological Causality —	<b>564</b>
5.3.6	Mental Teleological Explanation —	<b>569</b>
5.3.7	Downward Causality —	<b>572</b>
5.3.8	Agent Downward Causality: Mind/Body —	<b>576</b>
5.3.9	Agent Downward Causality: Environment, Conversion —	<b>582</b>
5.4	The Credibility of Science From the Religious Point of View: Science Forgot Its Creator —	<b>586</b>
5.4.1	Whether God Can Be the Cause of the World —	<b>586</b>
5.4.2	Whether God Is a Necessary Cause of the World and of All Events Occurring in It —	<b>594</b>
5.4.3	Whether God Is a Teleological Cause of the World, of the World-Order and of Man —	<b>599</b>
5.4.4	Whether God Is a Downward Cause of the World, of His Creatures, and of the Events of and about the World —	<b>603</b>
5.5	Axiomatic Description of 5.4 —	<b>607</b>
5.5.1	God as a Teleological Cause —	<b>608</b>
5.5.2	God's Plan —	<b>609</b>
5.5.3	God as a Downward Cause —	<b>611</b>

## **Bibliography — 615**

## **Abbreviations — 636**

## **Index of Axioms and Definitions — 639**

## **Index of Subjects — 643**

## **Index of Names — 653**