



# Religion & Philosophy

Springer and Palgrave Essential Textbooks

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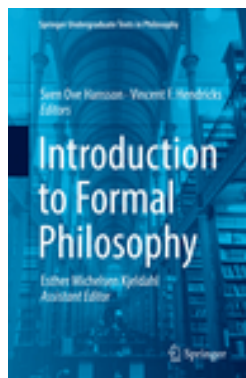
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ISBN : 978-3-319-77433-6

Hansson, Sven Ove, Hendricks, Vincent F. (Eds.),  
Royal Institute of Technology (KTH), Stockholm,  
Sweden

## Introduction to Formal Philosophy

- Provides an accessible introduction to formal philosophy to a wide academic audience
- Shows how formal methods can be used in a wide selection of philosophical areas
- Features 39 chapters written by leading experts in the field

This Undergraduate Textbook introduces key methods and examines the major areas of philosophy in which formal methods play pivotal roles. Coverage begins with a thorough introduction to formalization and to the advantages and pitfalls of formal methods in philosophy. The ensuing chapters show how to use formal methods in a wide range of areas. Throughout, the contributors clarify the relationships and interdependencies between formal and informal notions and constructions. Their main focus is to show how formal treatments of philosophical problems may help us understand them better. Formal methods can be used to solve problems but also to ...

### Contents

Part I: The scope and methods of formal philosophy.- Chapter 1. Formalization (Sven Ove Hansson).- Part II: Reasoning and inference.- Chapter 2. Non-monotonic reasoning (Alex Bochman).- Chapter 3. Argument (Henry Prakken).- Chapter 4. Induction (Rafal Urbaniak and Diderik Batens).- Chapter 5. Bivalence and future contingency (François Rivenc, Carlo Proietti, and Gabriel Sandu).- Chapter 6. Conditionals (John Cantwell).- Chapter 7. Neural network models for conditionals (Hannes Leitgeb).- Chapter 8. Proof theory (Jeremy Avigad).- Chapter 9. Formal methods and the history of philosophy (Catarina Dutilh Novaes).- Part III: Metaphysics and ...

### Fields of Interest

Analytic Philosophy; Mathematical Logic and Formal Languages; Mathematical Logic and Foundations; Theoretical, Mathematical and Computational Physics; Moral Philosophy

### Content Level

Upper undergraduate

### Product category

Undergraduate textbook

Available

### Bibliography

1st ed. 2018,XX, 733 p. 531 illus.(Springer Undergraduate Texts in Philosophy)  
Hardcover

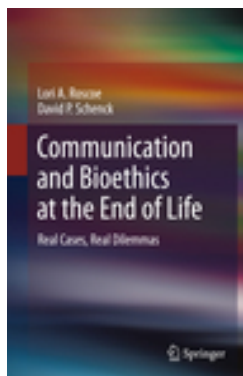
### Medium Type

Book

### Imprint

Springer

### Order Quantity



ISBN : 978-3-319-70919-2

Roscoe, Lori A., Schenck, David P., University of  
South Florida, Tampa, FL, USA

## Communication and Bioethics at the End of Life

### Real Cases, Real Dilemmas

- The first book to discuss end-of-life dilemmas from the unique perspectives of both health communication and bioethics
- Brings together a set of cases that addresses the current complexities of end-of-life care in general and the controversies surrounding end-of-life care for hospitalized patients in particular
- The only book on the subject to appeal to both students and a professional audience

This casebook provides a set of cases that reveal the current complexity of medical decision-making, ethical reasoning, and communication at the end of life for

hospitalized patients and those who care for and about them. End-of-life issues are a controversial part of medical practice and of everyday life. Working through these cases illuminates both the practical and philosophical challenges presented by the moral problems that surface in contemporary end-of-life care. Each case involved real people, with varying goals and constraints, who tried to make the best decisions possible under demanding conditions. Though there were no easy ...

### Contents

Preface.- Recommended References for Beginners.- Section I.- Beginnings/Endings: Complex Issues with Pregnancy, Newborns, and Young Children.- Case 1 – Does the Nearness of Death Diminish the Value of a Life?.- Case 2 – When Cultures Collide and a Newborn Almost Dies.- Case 3 – When the Family Won't Decide.- Case 4 – Aggressive Treatment for a Child's Inoperable Tumor.- Case 5 – Is There Life After Death? A Case of Post-Mortem Sperm Retrieval.- Section II.- Decision-making: Families in the Mix.- Case 6 – What is the Standard of Care for a Corpse?.- Case 7 – When the Palliative Care Team Got Fired.- Case 8 – A Young Woman's Wish to Die.- Case ...

### Fields of Interest

Bioethics; Medicine/Public Health, general;  
Medical Education

### Content Level

Graduate

### Product category

Graduate/advanced undergraduate textbook

Available

### Bibliography

1st ed. 2017,XXII, 199 p. Hardcover

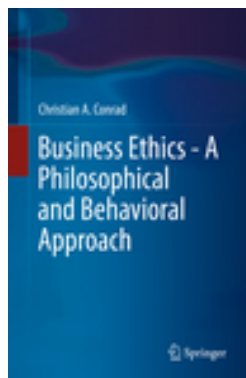
### Medium Type

Book

### Imprint

Springer

### Order Quantity



ISBN : 978-3-319-91574-6

Conrad, Christian A., Hochschule für Technik und Wirtschaft des Saarlandes, Saarbrücken, Germany

## Business Ethics - A Philosophical and Behavioral Approach

- First textbook to emphasize the need for providing an overall interdisciplinary approach for ethics in business
- Starts from an economic point to derive the importance of ethics in everyday business
- Includes detailed ethical principles referring to original and helpful sources

This textbook examines the extent to which moral values play a role as productive forces for the economy, and explores the effect of ethical and unethical behavior on the economy. It shows how ethics improves productivity in the economy, and provides specific ethics tools for practical application for students and managers. Stemming from an overall interdisciplinary approach, and combining recent research results from sciences such as economics, business administration, behavioral economics, philosophy, psychology and sociology, this textbook fills a gap in the literature on ethics in business. The book begins with the foundations of ...

### Contents

Chapter 1 Introduction.- chapter 2 Ethical valuation approaches.- Chapter 3 The image of humans.- Chapter 4 Ethical problems of the economy: Enron, Subprime & Co. – from crisis to crisis.- Chapter 5 Market and morality.- Chapter 6 Institutional ethics: the state regulatory framework.- Chapter 7 Tools of ethics for management.- Chapter 8 Ethics in business education.- Index.

### Fields of Interest

Business Ethics; Business Ethics; Sociology of Work; Business Strategy/Leadership; Industrial and Organizational Psychology; Human Resource Development

### Content Level

Upper undergraduate

### Product category

Undergraduate textbook

Available

### Bibliography

1st ed. 2018, XIII, 343 p. 24 illus. Hardcover

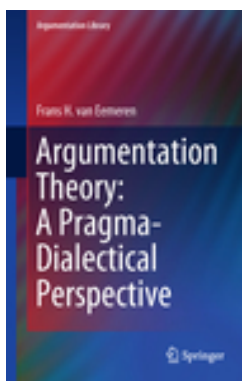
### Medium Type

Book

### Imprint

Springer

### Order Quantity



ISBN : 978-3-319-95380-9

van Eemeren, Frans H., University of Amsterdam, Amsterdam, The Netherlands

## Argumentation Theory: A Pragma-Dialectical Perspective

- Offers an introduction into argumentation theory viewed from a novel perspective
- Coverage creates an interdisciplinary pragma-dialectical perspective
- Provides readers with a better and more complete understanding of argumentative discourse

The book offers a compact but comprehensive introductory overview of the crucial components of argumentation theory. In presenting this overview, argumentation is consistently approached from a pragma-dialectical perspective by viewing it pragmatically as a goal-directed communicative activity and dialectically as part of a regulated critical exchange aimed at resolving a difference of opinion. As a result, the book also systematically explains how the constitutive parts of the pragma-dialectical theory of argumentation, which are discussed in a number of separate publications, hang together. The following crucial topics are discussed: (1) ...

### Contents

Chapter 1. Argumentation theory as a

discipline.- Chapter 2. Building a theory of argumentation.- Chapter 3. A model of a critical discussion.- Chapter 4. Critical discussion and the identification of fallacies.- Chapter 5. Descriptive studies of argumentative discourse.- Chapter 6. Analysis as resolution-oriented reconstruction.- Chapter 7. Strategic manoeuvring in argumentative discourse.- Chapter 8. Distinguishing between different kinds of argumentative practices.- Chapter 9. Prototypical argumentative patterns.- Chapter 10. Pragma-dialectics amidst other approaches to argumentation.

### Fields of Interest

Business Ethics; Political Philosophy; Social Philosophy; Moral Philosophy

### Content Level

Lower undergraduate

### Product category

Graduate/advanced undergraduate textbook

Available

### Bibliography

1st ed. 2018, XI, 199 p. 10 illus. (Argumentation Library, Volume 33) Hardcover

### Medium Type

Book

### Imprint

Springer

### Order Quantity



ISBN : 978-3-319-78728-2

Zack, Naomi, University of Oregon, Eugene, OR, USA

## Philosophy of Race

### An Introduction

- Constructs an overview for students thinking, talking, and writing about philosophy of race
- Takes a "birds eye view" of the subfield of



philosophy of race, and strives to balance opposing perspectives

- Written in a clear, accessible style

Philosophy of Race: An Introduction provides plainly written access to a new subfield that has been in the background of philosophy since Plato and Aristotle. Part I provides an overview of ideas of race and ethnicity in the philosophical canon, egalitarian traditions, race in biology, and race in American and Continental Philosophy. Part II addresses race as it operates in life through colonialism and development, social constructions and institutions, racism, political philosophy, and gender. This book constructs an outline that will serve as a resource for students, nonspecialists, and general readers in thinking, talking, and writing ...

### Contents

1. Ideas of Race in the Canonical History of Philosophy.- 2. Egalitarian Spiritual and Legal Traditions.- 3. Race according to Biological Science.- 4. Ideas of Race in 20th Century American and Continental Philosophy.- 5. Ethnicity and Related Forms of Race.- 6. Social Construction and Racial Identities.- 7. Racism and Neo-Racisms.- 8. Race in Contemporary Life.- 9. Political Philosophy, Law, and Public Policy.- 10. Feminism, Gender, and Race.

### Fields of Interest

Critical Theory; African American Culture; Philosophy of Man; Social Philosophy; African Literature

### Content Level

Upper undergraduate

### Product category

Graduate/advanced undergraduate textbook

Available

### Bibliography

1st ed. 2018,XIX, 258 p.(Palgrave Philosophy Today) Softcover

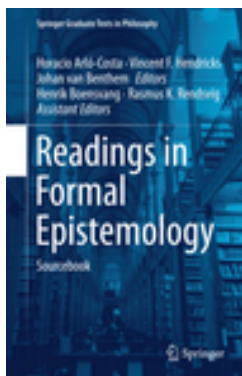
### Medium Type

Book

### Imprint

Palgrave Macmillan

Order Quantity



ISBN : 978-3-319-20450-5

Arl -Costa, H., Hendricks, V.F., van Benthem, J. (Eds.), (deceased), Dordrecht, The Netherlands

## Readings in Formal Epistemology

### Sourcebook

- Strengthens the ties between research in philosophy and its neighbouring intellectual principles
- Provides separate introductions to the five fields of formal epistemology, an elaborate index and suggestions for further reading
- Offers a complete teaching and research package for students as well as research scholars

This volume presents 38 classic texts in formal epistemology, and strengthens the ties between research into this area of philosophy and its neighbouring intellectual disciplines. The editors provide introductions to five subsections: Bayesian Epistemology, Belief Change, Decision Theory, Interactive Epistemology and Epistemic Logic. 'Formal epistemology' is a term coined in the late 1990s for a new constellation of interests in philosophy, the origins of which are found in earlier works of epistemologists, philosophers of science and logicians. It addresses a growing agenda of problems concerning knowledge, belief, certainty, rationality, ...

### Contents

Introduction.- 1. Agency and interaction: what we are and what we do in formal epistemology; Jeffrey Helzner and Vincent F. Hendricks.- Part 1. Bayesian Epistemology: Introduction.- 2. Truth and probability; Frank P. Ramsey.- 3. Probable knowledge; Richard C. Jeffrey.- 4. Fine-grained opinion, probability and the logic of full belief; Bas C. van Fraassen.- 5. A theory of higher order probabilities; Haim Gaifman.- 6. On indeterminate probabilities; Isaac Levi.- 6. On indeterminate probabilities; Isaac Levi.- 7. Why I am not a Bayesian; Clark Glymour.- 8. A mistake in dynamic coherence arguments? Brian Skyrms.- 9. Some problems for ...

### Fields of Interest

Epistemology; Mathematical Logic and

Formal Languages; Game Theory, Economics, Social and Behav. Sciences

### Content Level

Graduate

### Product category

Graduate/advanced undergraduate textbook

Available

### Bibliography

1st ed. 2016,XXIII, 937 p. 135 illus.(Springer Graduate Texts in Philosophy, Volume 1) Hardcover

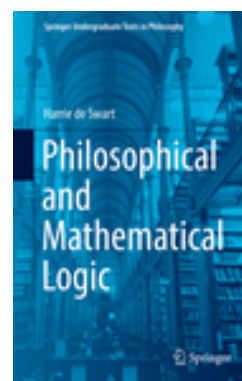
### Medium Type

Book

### Imprint

Springer

Order Quantity



ISBN : 978-3-030-03253-1

de Swart, Harrie, Department of Philosophy, Tilburg University, Tilburg, The Netherlands

## Philosophical and Mathematical Logic

- Offers a treatment of logic that touches upon all of its aspects
- Focuses attention upon the relation of logic to other disciplines
- Scrutinizes beyond definitions and theorems by providing explanations to the underlying ideas

This book was written to serve as an introduction to logic, with in each chapter – if applicable – special emphasis on the interplay between logic and philosophy, mathematics, language and (theoretical) computer science. The reader will not only be provided with an introduction to classical logic, but to philosophical (modal, epistemic, deontic, temporal) and intuitionistic logic as well. The first chapter is an easy to read non-technical Introduction to the topics in the

book. The next chapters are consecutively about Propositional Logic, Sets (finite and infinite), Predicate Logic, Arithmetic and Gödel's Incompleteness Theorems, Modal ...

### Contents

Chapter 1. Propositional Logic.- Chapter 2. Predicate Logic.- Chapter 3. Arithmetic and Gödel's incompleteness theorem.- Chapter 4. Sets (finite and infinite).- Chapter 5. Philosophical logic: modal, epistemic, deontic, temporal.- Chapter 6. Philosophy of language.- Chapter 7. Intuitionism and intuitionistic logic.- Chapter 8. Applications of logic and set theory: logic programming; relational databases.

### Fields of Interest

Epistemology; Mathematical Logic and Formal Languages; Mathematical Logic and Foundations

### Content Level

Upper undergraduate

### Product category

Graduate/advanced undergraduate textbook

Available

### Bibliography

1st ed. 2018,XX, 539 p.(Springer Undergraduate Texts in Philosophy) Hardcover

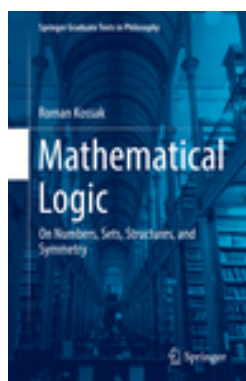
### Medium Type

Book

### Imprint

Springer

### Order Quantity



ISBN : 978-3-319-97297-8

Kossak, Roman, City University of New York, New York, NY, USA

## Mathematical Logic

### On Numbers, Sets, Structures, and

### Symmetry

- Presents an introduction to formal mathematical logic and set theory
- Presents simple yet nontrivial results in modern model theory
- Provides introductory remarks to all results, including a historical background

This book, presented in two parts, offers a slow introduction to mathematical logic, and several basic concepts of model theory, such as first-order definability, types, symmetries, and elementary extensions. Its first part, Logic Sets, and Numbers, shows how mathematical logic is used to develop the number structures of classical mathematics. The exposition does not assume any prerequisites; it is rigorous, but as informal as possible. All necessary concepts are introduced exactly as they would be in a course in mathematical logic; but are accompanied by more extensive introductory remarks and examples to motivate formal developments. The ...

### Contents

Chapter1. Mathematical Logic.- Chapter2. Logical Seeing.- Chapter3. What is a Number?.- Chapter4. Number Structures.- Chapter5. Points, Lines.- Chapter6. Set Theory.- Chapter7. Relations.- Chapter8. Definable Elements and Constants.- Chapter9. Minimal and Order-Minimal Structures.- Chapter10. Geometry of Definable Sets.- Chapter11. Where Do Structures Come From?.- Chapter12. Elementary Extensions and Symmetries.- Chapter13. Tame vs. Wild.- Chapter14. First-order Properties.- Chapter15. Symmetries and Logical Visibility One More Time.

### Fields of Interest

Philosophy of Mathematics; Mathematical Logic and Foundations; Arithmetic and Logic Structures; Logic; Applications of Mathematics

### Content Level

Graduate

### Product category

Graduate/advanced undergraduate textbook

Available

### Bibliography

1st ed. 2018,XIII, 186 p. 28 illus.(Springer Graduate Texts in Philosophy, Volume 3) Hardcover

### Medium Type

Book

### Imprint

Springer

### Order Quantity



ISBN : 978-3-319-26549-0

Johansson, Lars-Göran, Uppsala Universitet, Uppsala, Sweden

## Philosophy of Science for Scientists

- Highly suitable as a textbook for undergraduate Science and Engineering courses
- Relevant to students in the natural, social and human sciences
- Advances understanding of what science is and how it developed

This textbook offers an introduction to the philosophy of science. It helps undergraduate students from the natural, the human and social sciences to gain an understanding of what science is, how it has developed, what its core traits are, how to distinguish between science and pseudo-science and to discover what a scientific attitude is. It argues against the common assumption that there is fundamental difference between natural and human science, with natural science being concerned with testing hypotheses and discovering natural laws, and the aim of human and some social sciences being to understand the meanings of individual and social ...

### Contents

Preface and overview of the bookPart 1: What is science?.- 1. The Evolution of Science.- 2. Knowledge.- 3. Hypotheses and Hypothesis Testing.- 4. On Scientific Data.- 5. Qualitative Data and Methods.- 6. Theories about the Development of Science.- Part 2. Philosophical reflections on four core concepts in science: causes, explanations, laws and models.- 7. On Causes and Correlations.- 8. Explanations.- 9. Explanation in the Humanities and Social Sciences.- 10. Scientific Laws.- 11. Theories, Models and Reality.- Part 3. Some auxiliaries.- 12. The Mind-Body Problem.- 13. Science and Values.- 14. Some trends in science.- Appendix.- Logical ...

### Fields of Interest

Philosophy of Science; History and Philosophical Foundations of Physics; Mathematical Logic and Foundations

**Content Level**

Upper undergraduate

**Product category**

Undergraduate textbook

Available

**Bibliography**

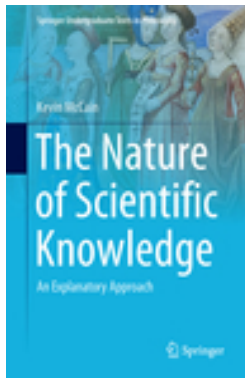
1st ed. 2016,XV, 257 p. 28 illus. in color.  
(Springer Undergraduate Texts in Philosophy)  
Hardcover

**Medium Type**

Book

**Imprint**

Springer

[Order Quantity](#)


ISBN : 978-3-319-33403-5

McCain, Kevin, Department of Philosophy Univ of  
Alabama at Birmingham, Birmingham, AL

## The Nature of Scientific Knowledge

### An Explanatory Approach

- Accessible and comprehensive introduction to the nature of scientific knowledge and its relation to epistemology more generally
- Explores both the individual and social dimensions of the nature of knowledge in the sciences
- Clarifies what distinguishes scientific knowledge from other forms of knowledge

This book offers a comprehensive and accessible introduction to the epistemology of science. It not only introduces readers to the general epistemological discussion of the nature of knowledge, but also provides key insights into the particular nuances of scientific knowledge. No prior knowledge of philosophy or science is assumed by The Nature of Scientific Knowledge. Nevertheless, the reader is taken on a journey through several core concepts of epistemology and

philosophy of science that not only explores the characteristics of the scientific knowledge of individuals but also the way that the development of scientific knowledge is a ...

**Contents**

Preface.- The Importance of Understanding the Nature of Scientific Knowledge.- Part I: General Features of Knowledge.- The Traditional Account of Knowledge.- Belief.- Truth.- Justification.- Evidence.- Basing a Belief on the Evidence.- A Problem for the Traditional Account of Knowledge.- Part II: Knowledge of Scientific Claims.- Explanation and Understanding.- From Explanation to Knowledge.- Part III: Challenges to Scientific Knowledge.- Skepticism about the External World.- Skepticism about Induction.- Empirical Evidence of Irrationality.- Anti-Realism about Science.- Part IV: Social Dimensions of Scientific Knowledge.- Gaining ...

**Fields of Interest**

Philosophy of Science; Epistemology; Science Education

**Content Level**

Upper undergraduate

**Product category**

Undergraduate textbook

Available

**Bibliography**

1st ed. 2016,XIII, 277 p.(Springer  
Undergraduate Texts in Philosophy)  
Hardcover

**Medium Type**

Book

**Imprint**

Springer

[Order Quantity](#)