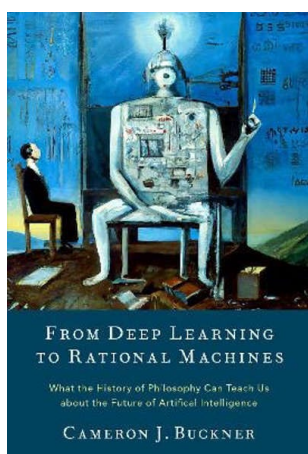


# Les nouveautés

BIBLIOTHÈQUE DE L'IHPST



Auteur(s) : **Cameron J. Buckner**

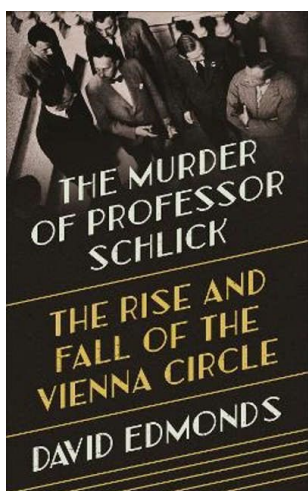
Titre : **From deep learning to rational machines**

Éditeur : Oxford University Press Inc

Date de parution : 15/02/2024

**Cote : 159 BUCK FROM**

*This book explains how recent deep learning breakthroughs realized some of the most ambitious ideas of empiricist philosophers such as Aristotle, Ibn Sina (Avicenna), John Locke, David Hume, William James, and Sophie de Grouchy. It illustrates the utility of this interdisciplinary connection by showing how it can provide benefits to both philosophy and computer science.*



Auteur(s) : **David Edmonds**

Titre : **The murder of professor Schlick**

Éditeur : Princeton University Press

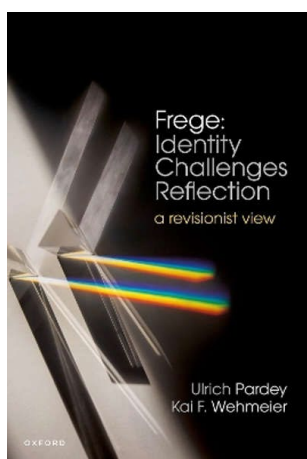
Date de parution : 29/03/2022

**Cote : 501 EDMO MURD**

*From the author of Wittgenstein's Poker and Would You Kill the Fat Man?, the story of an extraordinary group of philosophers during a dark chapter in Europe's history.*

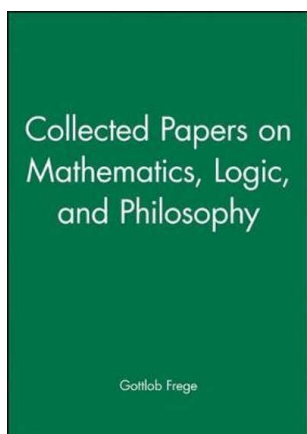
*On June 22, 1936, the philosopher Moritz Schlick was on his way to deliver a lecture at the University of Vienna when Johann Nelböck, a deranged former student of Schlick's, shot him dead on the university steps. Some Austrian newspapers defended the madman, while Nelböck himself argued in court that his onetime teacher had promoted a treacherous Jewish philosophy. David Edmonds traces the rise and fall of the Vienna Circle—an influential group of brilliant thinkers led by Schlick—and of a philosophical movement that sought to do away with metaphysics and pseudoscience in a city darkened by fascism, anti-Semitism, and unreason.*

*The Vienna Circle's members included Otto Neurath, Rudolf Carnap, and the eccentric logician Kurt Gödel. On its fringes were two other philosophical titans of the twentieth century, Ludwig Wittgenstein and Karl Popper. The Circle championed the philosophy of logical empiricism, which held that only two types of propositions have cognitive meaning, those that can be verified through experience and those that are analytically true. For a time, it was the most fashionable movement in philosophy. Yet by the outbreak of World War II, Schlick's group had disbanded and almost all its members had fled. Edmonds reveals why the Austro-fascists and the Nazis saw their philosophy as such a threat. The Murder of Professor Schlick paints an unforgettable portrait of the Vienna Circle and its members while weaving an enthralling narrative set against the backdrop of economic catastrophe and rising extremism in Hitler's Europe.*



Auteur(s) : **Ulrich Pardey - Kai F. Wehmeier**  
 Titre : **Frege : identity, challenges, reflections**  
 Éditeur : Oxford University Press  
 Date de parution : 01/05/2025  
**Cote : 160 FREG CHAL**

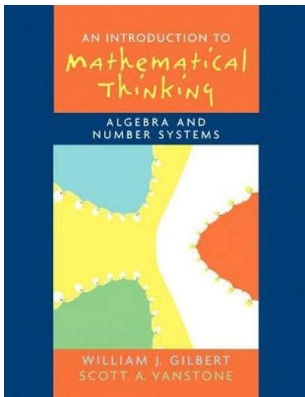
*Frege: Identity Challenges Reflection argues against the view of identity as a binary relation between objects, and shows that Frege maintained a sign-based conception of identity from earlier to later work. Pardey and Wehmeier argue that this theory of identity offers an elegant integration of identity into predicate logic.*



Auteur(s) : Gottlob Frege  
 Titre : **Collected papers on mathematics, logic, and philosophy**  
 Éditeur : John Wiley and Sons Ltd  
 Date de parution : 04/12/2008  
**Cote : 160 FREG COLL**

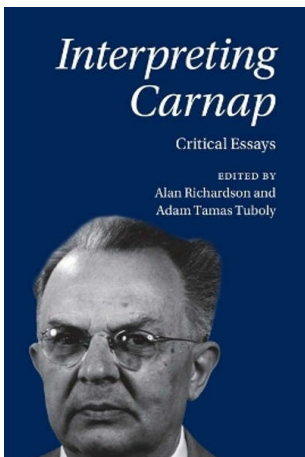
*Gottlob Frege is widely considered one of the most influential minds in the history of philosophy, having spent a lifetime delving into the nuances of language and mathematics. Widely published on logic, analysis, geometry, and arithmetic, which he regarded as the purest form of thought, Frege's analytic approach to philosophy set the stage for the field's eventual linguistic turn.*

*Collected Paper on Mathematics, Logic, and Philosophy is a compilation of his collected works across fields, allowing readers to share in his evolution of thought and catch a glimpse of a legendary mind at work.*



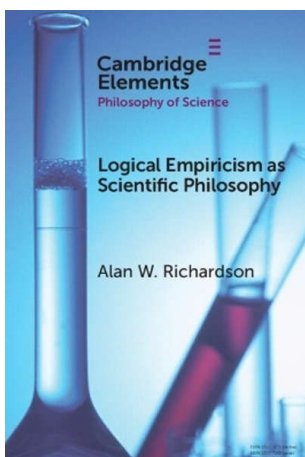
Auteur(s) : **Will J Gilbert - Scott A. Vanstone**  
 Titre : **An introduction to mathematical thinking**  
 Éditeur : Pearson Education (US)  
 Cote : **510 GILB INTR**

*This text introduces the freshman mathematics and computer science student to proofs and mathematical thinking while teaching basic algebraic skills involving number systems, including the integers and complex numbers.*



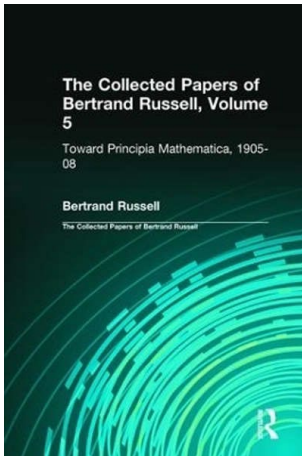
Auteur(s) : **Alan Richardson - Adam Tamas Tuboly**  
 Titre : **Interpreting Carnap : critical essays**  
 Éditeur : Cambridge University Press  
 Date de parution : 14/08/2025  
 Cote : **501 RICH INTE**

*Rudolf Carnap (1891–1970), one of the most important philosophers of the twentieth century, helped found logical positivism, was one of the originators of the field of philosophy of science, and was a leading contributor to semantics and inductive logic. This volume of new essays, written by leading international experts, places Carnap in his philosophical context and studies his topics, his interests, and the major stages of his thought. The essays reassess Carnap's place in the history of analytic philosophy through his approach to metaphysics, values, politics, epistemology and philosophy of science. They delve into important topics of Carnap's mature thought, namely explication, naturalism, and his defence of analyticity; and they recover the logical and the linguistic components of philosophy and how they unfolded in the syntax-semantics relation, induction, and language-planning. The resulting interpretation of Carnap will be illuminating for both current and future research.*



Auteur(s) : **Alan W. Richardson**  
 Titre : **Logical empiricism as scientific philosophy**  
 Éditeur : Cambridge University Press  
 Collection : Elements in the Philosophy of Science  
 Date de parution : 18/01/2024  
 Cote : **501 RICH LOGI**

*This Element argues that while logical empiricism was committed to empiricism and did become tied to the trajectory of analytic philosophy, neither empiricism nor logical analysis per se was the deepest philosophical commitment of logical empiricism.*



Auteur(s) : **Bertrand Russell**

Titre : **The collected papers of Bertrand Russell. Volume 5**

Éditeur : Taylor & Francis Ltd

Collection : The Collected Papers of Bertrand Russell

Date de parution : 10/01/2014

**Cote : 190 RUSS COLL 5**

*This volume of Bertrand Russell's Collected Papers finds Russell focused on writing Principia Mathematica during 1905–08. The volume's 80-page introduction covers the evolution of his logic from 1896 until 1909, when volume I of Principia went to the printer.*



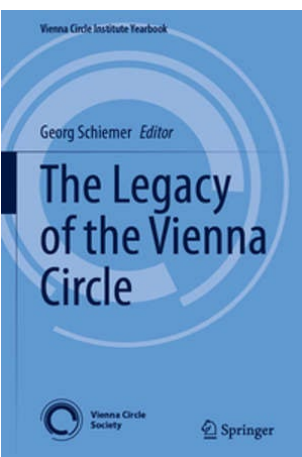
Auteur(s) : **Sahotra Sarkar**

Éditeur : Taylor & Francis Ltd

Date de parution : 02/12/2024

**Cote : 501 SARK VIEN**

*Sarkar tells the philosophical story of 100 years of Logical Empiricism, from its inception in 1924 to its legacy today. A superb evocation of one of the most important intellectual movements of the 20th century, it will be of great interest to anyone interested in philosophy, history, and the history of science.*



Auteur(s) : **Georg Schiemer**

Titre : **The legacy of the Vienna Circle**

Éditeur : Springer International Publishing

Collection : Vienna Circle Institute Yearbook

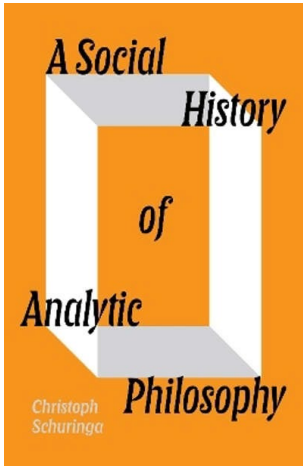
Date de parution : 06/05/2025

**Cote : 501 SCHI LEGA**

*This book gives a critical evaluation of the Vienna Circle, its historical influences, and the philosophical legacy of logical empiricism. The first part of the volume contains nine original research articles by leading experts in the field on the philosophical work of Rudolf Carnap, Philipp Frank, Otto Neurath, Janina Hosiasson-Lindenbaum, Susan Stebbing, and Gustav Hempel (among others)*

*and their respective influence on subsequent developments in philosophy and the science studies. Topics addressed in the volume include: scientific humanism and non-cognitivism, scientific pluralism, the post-war reception of Logical Empiricism, relativism and the sociology of science, inductive reasoning and probability theory, as well as aspects of logical theory reconstruction. This book is of relevance to scholars and advanced students interested in the history of logical empiricism and the history of philosophy of science more generally.*





Auteur(s) : **Christoph Schuringa**

Titre : **A social history of analytic philosophy**

Éditeur : Verso Books

Date de parution : 03/06/2025

**Cote : 190 SCHU SOCI**

*How a supposedly apolitical form of philosophy owes its continuing power to social and political forces.*



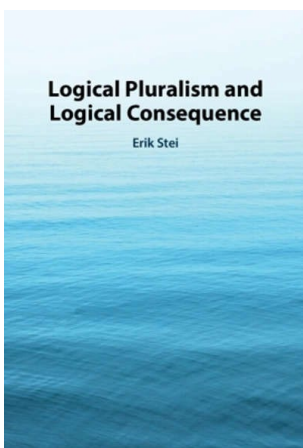
Auteur(s) : **James Byrnie Shaw**

Titre : **Lectures on the philosophy of mathematics**

Éditeur : Forgotten Books

Date de parution : 27/07/2018

**Cote : 501 SHAW LECT**



Auteur(s) : **Erik Stei**

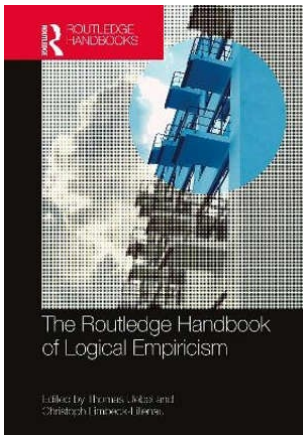
Titre : **Logical Pluralism and Logical Consequence**

Éditeur : Cambridge University Press

Date de parution : 01/05/2025

**Cote : 160 STEI LOGI**

*Logical pluralism is the view that there is more than one correct logic. This is not necessarily a controversial claim but in its most exciting formulations, pluralism extends to logics that have typically been considered rival accounts of logical consequence – to logics, that is, which adopt seemingly contradictory views about basic logical laws or arguments. The logical pluralist challenges the philosophical orthodoxy that an argument is either deductively valid or invalid by claiming that there is more than one way for an argument to be valid. In this book, Erik Stei defends logical monism, provides a detailed analysis of different possible formulations of logical pluralism, and offers an original account of the plurality of correct logics that incorporates the benefits of both pluralist and monist approaches to logical consequence. His book will be valuable for a range of readers in the philosophy of logic.*



Auteur(s) : **Thomas Uebel - Christoph Limbeck-Lilienau**

Titre : **The Routledge handbook of logical empiricism**

Éditeur : Taylor & Francis Ltd

Collection : Routledge Handbooks in Philosophy

Date de parution : 25/09/2023

**Cote : 501 UEBE ROUT**

*An outstanding reference source to this challenging subject area, and the first collection of its kind. Essential reading for students and researchers in the history of the philosophy, the history of analytical philosophy and twentieth-century philosophy.*