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The Logic of Questions and Answers **An Introduction to Formal Logic** *Questions and answers in advanced logic for candidates for honours at moderations, selected and arranged from the papers set at the Oxford examinations* **Foundations of Logic and Linguistics** **Extensions of Logic Programming** **Logic as a Tool** **Disjunctive Logic Programming** **The Logic of Epistemology and the Epistemology of Logic** **Logic for Programming, Artificial Intelligence, and Reasoning** **The Elements of Logic** **About Nonstandard Neutrosophic Logic (Answers to Imamura's "Note on the Definition of Neutrosophic Logic")** **Logic Programming and Nonmonotonic Reasoning** **The Limits of Logic** **Modal Logic for Philosophers** **Scalable Uncertainty Management** **Logic Programming** **LSAT Logic Games For Dummies** **System of Logic and History of Logical Doctrines** **Introductory Logic** **Intermediate Logic** **Meaning and Argument** **System of Logic, and History of Logical Doctrines ...** Translated from the German, with notes and appendices, by T. M. Lindsay **Logic Based Program Synthesis and Transformation** **The A to Z of Logic** **Logic of Discovery and Logic of Discourse** **A Friendly Introduction to Mathematical Logic** **Lectures on Logic** **Logical Form** **An Introduction to Logic** **Logic Design of NanoICS** **Logic and Scientific Methods** **Lectures on Metaphysics and Logic: Logic** **Studies in Deductive Logic** *Logic, Mathematics, Philosophy, Vintage Enthusiasms* **Kant and the Science of Logic** **Fantastic Book of Logic Puzzles** **Introduction to Logic** **Dewey's New Logic** **Handbook of Philosophical Logic** **Beginning Links to Logic - Grades 2-4**

Logic of Discovery and Logic of Discourse Oct 07 2020

Introductory Logic Apr 12 2021

Logic as a Tool May 26 2022 Written in a clear, precise and user-friendly style, *Logic as a Tool: A Guide to Formal Logical Reasoning* is intended for undergraduates in both mathematics and computer science, and will guide them to learn, understand and master the use of classical logic as a tool for doing correct reasoning. It offers a systematic and precise exposition of classical logic with many examples and exercises, and only the necessary minimum of theory. The book explains the grammar, semantics and use of classical logical languages and teaches the reader how grasp the meaning and translate them to and from natural language. It illustrates with extensive examples the use of the most popular deductive systems -- axiomatic systems, semantic tableaux, natural deduction, and resolution -- for formalising and automating logical reasoning both on propositional and on first-order level, and provides the reader with technical skills needed for practical derivations in them. Systematic guidelines are offered on how to perform logically correct and well-structured reasoning using these deductive systems and the reasoning techniques that they employ. •Concise and systematic exposition, with semi-formal but rigorous treatment of the minimum necessary theory, amply illustrated with examples •Emphasis both on conceptual understanding and on developing practical skills •Solid and balanced coverage of syntactic, semantic, and deductive aspects of logic •Includes extensive sets of exercises, many of them provided with solutions or answers •Supplemented by a website including detailed slides, additional exercises and solutions For more information browse the book's website at: <https://logicasatool.wordpress.com>

Logic and Scientific Methods Mar 31 2020 This is the first of two volumes comprising the papers submitted for publication by the invited participants to the Tenth International Congress of Logic, Methodology and Philosophy of Science, held in Florence, August 1995. The Congress was held under the auspices of the International Union of History and Philosophy of Science, Division of Logic, Methodology and Philosophy of Science. The invited lectures published in the two volumes demonstrate much of what goes on in the fields of the Congress and give the state of the art of current research. The two volumes cover the traditional subdisciplines of mathematical logic and philosophical logic, as well as their interfaces with computer science, linguistics and philosophy. Philosophy of science is broadly represented, too, including general issues of natural sciences, social sciences and humanities. The papers in Volume One are concerned with logic, mathematical logic, the philosophy of logic and mathematics, and computer science.

Studies in Deductive Logic Jan 28 2020

Kant and the Science of Logic Nov 27 2019 Immanuel Kant's enduring influence on philosophy is indisputable. In particular, Kant transformed debates on the fundamental questions in logic, and it is the significance and complexity of this accomplishment that Huaping Lu-Adler here explores. Kant's theory of logic represents a turning point in a history of philosophical debates over the following questions: Is logic a science, instrument, standard of assessment, or mixture of these? Kant's official answer to these questions centers on three distinctions: general versus particular logic; pure versus applied logic; pure general logic versus transcendental logic. The true meaning and significance of each distinction becomes clear, Lu-Adler argues, only if we consider two factors. First, Kant was mindful of various historical views on how logic relates to other branches of philosophy and to the workings of common human understanding. Second, he invented "transcendental logic" while struggling to secure metaphysics as a proper "science," and this conceptual innovation in turn held profound implications for his mature theory of logic. Against this backdrop, Lu-Adler reassesses the place of Kant's theory in the history of philosophy of logic and highlights certain issues that are debated today, including normativity of logic and the challenges posed by logical pluralism. *Kant and the Science of Logic* is both a history of philosophy of logic told from the Kantian viewpoint and a reconstruction of Kant's theory of logic from a historical perspective. It is a vital contribution to the study of Kantian logic.

Foundations of Logic and Linguistics Jul 28 2022 This volume comprises a selection of papers that were contributed to the 7th International Congress of Logic, Methodology and Philosophy of Science, which was held in Salzburg from the 11th - 16th July, 1983. There were 14 sections in this congress: 1. proof theory and foundations of mathematics 2. model theory and its applications 3. recursion theory and theory of computation 4. axiomatic set theory 5. philosophical logic 6. general methodology of science 7. foundations of probability and induction 8. foundations and philosophy of the physical sciences 9. foundations and philosophy of biology 10. foundations and philosophy of psychology foundations and philosophy 11. of the social sciences 12. foundations and philosophy of linguistics 13. history of logic, methodology and philosophy of science 14. fundamental principles of the ethics of science In each section, three or four invited addresses were given, which will be published in the Congress Proceedings (Ruth Barcan Marcus, Georg J. W. Dorn and Paul Weingartner, eds. : *Logic, Methodology and Philosophy of Science VII. Proceedings of the Seventh International Congress of Logic, Methodology and Philosophy of Science*, Salzburg, 1983. - Amsterdam, New York, Oxford: North-Holland Publishing Company, 1985.) Every section with the exception of section 14 also contained contributed papers.

Logic for Programming, Artificial Intelligence, and Reasoning Feb 20 2022 This book constitutes the refereed proceedings of the 11th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning, LPAR 2004, held in Montevideo, Uruguay in March 2005. The 33 revised full papers presented together with abstracts of 4 invited papers were carefully reviewed and selected from 77 submissions. The papers address all current issues in logic programming, automated reasoning, and AI logics in particular description logics, fuzzy logic, linear logic, multi-modal logic, proof theory, formal verification, protocol verification, constraint logic programming, programming calculi, theorem proving, etc.

Logic Programming Jul 16 2021 This volume contains the papers presented at the 20th International Conference on Logic Programming, held in Saint-Malo, France, September 6-10, 2004. Since the first meeting in this series, held in Marseilles in 1982, ICLP has been the premier international conference for presenting research in logic programming. This year, we received 70 technical papers from countries all over the world, and the Program Committee accepted 28 of them for presentation; they are included in this volume. A stand-by-your-poster session took place during the conference. It served as a forum for presenting work in a more informal and interactive setting. Abstracts of the 16 posters selected by the Program Committee are included in this volume as well. The conference program also included invited talks and invited tutorials. We were privileged to have talks by three outstanding researchers and excellent speakers: Nachum Dershowitz (Tel Aviv University, Israel) talked on Termination by Abstraction, Michael Gelfond (Texas Tech University, USA) on Answer Set Programming and the Design of Deliberative Agents, and Gérard Huet (INRIA, France) on Non-determinism Lessons. Two of the invited talks appear in these proceedings. The tutorials covered topics of high interest to the logic programming community: Ilkka Niemelä gave a tutorial on The Implementation of Answer Set Solvers, Andreas Podelskion Tree Automata in Program Analysis and Verification, and Guillermo R. Simari on Defeasible Logic Programming and Belief Revision. Satellite workshops made the conference even more interesting. Six workshops collocated with ICLP 2004: - CICLOPS2004, Colloquium on Implementation of Constraint and Logic Programming Systems, organized by Manuel Carro. - COLOPS2004, 2nd International Workshop on Constraint & Logic Programming in Security, organized by Frank Valencia. - MultiCPL2004, 3rd International Workshop on Multiparadigm Constraint, organized by Petra Hofstedt. - Teach LP2004, 1st International Workshop on Teaching Logic Programming, organized by Dietmar Seipel.

Scalable Uncertainty Management Aug 17 2021 This book constitutes the refereed proceedings of the First International Conference on Scalable Uncertainty Management, SUM 2007, held in Washington, DC, USA, in October 2007. The 20 revised full papers presented were carefully reviewed and selected from numerous submissions for inclusion in the book. The papers address artificial intelligence researchers, database researchers and practitioners.

Disjunctive Logic Programming Apr 24 2022

Fantastic Book of Logic Puzzles Oct 26 2019 A collection of seventy illustrated logic puzzles set in fantastic locales such as outer space or mythical kingdoms, with explanations of the logical reasoning needed to solve them

System of Logic and History of Logical Doctrines May 14 2021

Beginning Links to Logic - Grades 2-4 Jun 22 2019 "Logical thinking is an important link in the foundation of all communication and understanding. ... Addresses the National Education Standards."--Pg.4 of cover.

Logic Design of NanoICS May 02 2020 Today's engineers will confront the challenge of a new computing paradigm, relying on micro- and nanoscale devices. Logic Design of NanoICs builds a foundation for logic in nanodimensions and guides you in the design and analysis of nanoICs using CAD. The authors present data structures developed toward applications rather than a purely theoretical treatment. Requiring only basic logic and circuits background, Logic Design of NanoICs draws connections between traditional approaches to design and modern design in nanodimensions. The book begins with an introduction to the directions and basic methodology of logic design at the nanoscale, then proceeds to nanotechnologies and CAD, graphical representation of switching functions and networks, word-level and linear word-level data structures, 3-D topologies based on hypercubes, multilevel circuit design, and fault-tolerant computation in hypercube-like structures. The authors propose design solutions and techniques, going beyond the underlying technology to provide more applied knowledge. This design-oriented reference is written for engineers interested in developing the next generation of integrated circuitry, illustrating the discussion with approximately 250 figures and tables, 100 equations, 250 practical examples, and 100 problems. Each chapter concludes with a summary, references, and a suggested reading section.

A Friendly Introduction to Mathematical Logic Sep 05 2020 At the intersection of mathematics, computer science, and philosophy, mathematical logic examines the power and limitations of formal mathematical thinking. In this expansion of Leary's user-friendly 1st edition, readers with no previous study in the field are introduced to the basics of model theory, proof theory, and computability theory. The text is designed to be used either in an upper division undergraduate classroom, or for self study. Updating the 1st Edition's treatment of languages, structures, and deductions, leading to rigorous proofs of Gödel's First and Second Incompleteness Theorems, the expanded 2nd Edition includes a new introduction to incompleteness through computability as well as solutions to selected exercises.

LSAT Logic Games For Dummies Jun 14 2021 Improve your score on the Analytical Reasoning portion of the LSAT! If you're like most test-takers, you find the infamous Analytical Reasoning or "Logic Games" section of the LSAT to be the most elusive and troublesome. Now there's help! LSAT Logic Games For Dummies takes the puzzlement out of the Analytical Reasoning section of the exam and shows you that it's not so problematic after all! This easy-to-follow guide examines the types of logic puzzles presented on the LSAT and offers step-by-step instructions for how best to correctly identify and solve each problem within the allocated time. Coverage of all six question types Detailed strategies for quickly and correctly recognizing and solving each question type Complete with loads of practice problems Whether you're preparing to take the LSAT for the first time or looking to improve a previous score, LSAT Logic Games For Dummies is the logical study companion for anyone looking to score high on the LSAT!

Intermediate Logic Mar 12 2021

The A to Z of Logic Nov 07 2020 The A to Z of Logic introduces the central concepts of the field in a series of brief, non-technical, cross-referenced dictionary entries. The 352 alphabetically arranged entries give a clear, basic introduction to a very broad range of logical topics. Entries can be found on deductive systems, such as propositional logic, modal logic, deontic logic, temporal logic, set theory, many-valued logic, mereology, and paraconsistent logic. Similarly, there are entries on topics relating to those previously mentioned such as negation, conditionals, truth tables, and proofs. Historical periods and figures are also covered, including ancient logic, medieval logic, Buddhist logic, Aristotle, Ockham, Boole, Frege, Russell, Gödel, and Quine. There are even entries relating logic to other areas and topics, like biology, computers, ethics, gender, God, psychology, metaphysics, abstract entities, algorithms, the ad hominem fallacy, inductive logic, informal logic, the liar paradox, metalogic, philosophy of logic, and software for learning logic. In addition to the dictionary, there is a substantial chronology listing the main events in the history of logic, an introduction that sketches the central ideas of logic and how it has evolved into what it is today, and an extensive bibliography of related readings. This book is not only useful for specialists but also understandable to students and other beginners in the field.

The Logic of Questions and Answers Oct 31 2022

Dewey's New Logic Aug 24 2019 Celebrated for his work in the philosophy of education and acknowledged as a leading proponent of American pragmatism, John Dewey might have had more of a reputation for his philosophy of logic had Bertrand Russell not so fervidly attacked him on the subject. This book analyzes the debate between Russell and Dewey that followed the 1938 publication of Dewey's *Logic: The Theory of Inquiry*, and argues that, despite Russell's early resistance, Dewey's logic is surprisingly relevant to recent developments in philosophy and cognitive science. Since Dewey's logic focuses on natural language in everyday experience, it poses a challenge to Russell's formal syntactic conception of logic. Tom Burke demonstrates that Russell misunderstood crucial aspects of Dewey's theory - his ideas on propositions, judgments, inquiry, situations, and warranted assertibility - and contends that logic today has progressed beyond Russell and is approaching Dewey's broader perspective. Burke relates Dewey's logic to issues in epistemology, philosophy of language and psychology, computer science, and formal semantics.

The Limits of Logic Oct 19 2021 The International research Library of Philosophy collects in book form a wide range of important and influential essays in philosophy, drawn predominantly from English-language journals. Each volume in the library deals with a field of enquiry which has received significant attention in philosophy in the last 25 years and is edited by a philosopher noted in that field.

The Logic of Epistemology and the Epistemology of Logic Mar 24 2022 Somewhat like Henkin's nonstandard interpretation of higher-order logics, while the right semantics [or logical modalities is an analogue to the standard of type theory in Henkin's sense. interpretation Another possibility would be to follow W.V. Quine's advice to give up logical modalities as being beyond repair. Or we could also try to develop a logic of conceptual possibility, restricting the range of our "possible worlds" to those compatible with the transcendental presuppositions of our own conceptual system. This looks in fact like one of the most interesting possible theories I have dreamt of developing but undoubtedly never will. Its kinship with Kant's way of thinking should be obvious. Besides putting the entire enterprise of possible-worlds semantics into a perspective, we can also see that the actual history of possible-worlds semantics is more complicated than it might first appear to be. For the standard interpretation of modal logics has reared its beautiful head repeatedly in the writings of Stig Kanger, Richard Montague the pre-Montague-semantics theorist, and Nino Cocchiarella.

System of Logic, and History of Logical Doctrines ... Translated from the German, with notes and appendices, by T. M. Lindsay Jan 10 2021

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Questions and answers in advanced logic for candidates for honours at moderations, selected and arranged from the papers set at the Oxford examinations Aug 29 2022

Lectures on Metaphysics and Logic: Logic Feb 29 2020

The Elements of Logic Jan 22 2022 This classic, concise introductory logic text is designed for courses that cover both formal and informal logic. The text covers a broad, traditional range of topics and includes a large number of exercises which pointedly illustrate logical principles. Answers to selected exercises are included in the study guide.

Meaning and Argument Feb 08 2021 Meaning and Argument is a popular introduction to philosophy of logic and philosophy of language. Offers a distinctive philosophical, rather than mathematical, approach to logic Concentrates on symbolization and works out all the technical logic with truth tables instead of derivations Incorporates the insights of half a century's work in philosophy and linguistics on anaphora by Peter Geach, Gareth Evans, Hans Kamp, and Irene Heim among others Contains numerous exercises and a corresponding answer key An extensive appendix allows readers to explore subjects that go beyond what is usually covered in an introductory logic course Updated edition includes over a dozen new problem sets and revisions throughout Features an accompanying website at <http://ruccs.rutgers.edu/~logic/MeaningArgument.html>

Handbook of Philosophical Logic Jul 24 2019 suchquestionsforcenturies(unrestrictedbythecapabilitiesofanyhardware). Theprinciplesgoverningtheinteractionofseveralprocesses,forexample, areabstractansimilartoprinciplesgoverningthecooperationoftwolarge organisation. Adetailedrulebasedeffectivebutrigidbureaucracyisvery muchsimilartoacomplexcomputerprogramhandlingandmanipulating data. Myguessisthattheprinciplesunderlyingoneareeverymuchthesameasthoseunderlyingtheother. Ibelievedthedayisnotfarawayinthefuturewhenthecomputerscientist willwakeuponemorningwiththerealisationthathisactuallyakindof formalphilosopher! TheprojectednumberofvolumesforthisHandbookisabout18.The subjecthasevolvedanditsareashavebecomeinterrelatedtosuchanextent thatitnolongermakesensetodedicatetovolumestotopics. However, the volumes do follow some natural groupings of chapters. I would like to thank our authors and readers for their contributions and their commitment in making this Handbook a success. Thanks also to our publication administrator Mrs J. Spurr for her usual dedication and excellence and to Kluwer Academic Publishers for their continuing support for the Handbook. Dov Gabbay King's College London x Logic II IT Natural Program Artificial in Logic p- language controls perception intelligence programming processing identification, verification, concurrency Temporal Expressive Expressive Planning. Extension of logic power of tense power for re Time dependent Horn clause operators. current events. event data. with time Temporal Specification Event calculus. capability. indices. Separation of tempo- Persistence Event calculus. rational control. throughput Temporal logic from future Decision problem the Frame programming. Problem. Temporal models. Model checking. modal query language. temporal transactions. Modal logic. generalised Action logic Belief revision. Negation by Multi-modal quantifiers Inferential failure and logics databases modality Algorithmic Discourse representation New logics. General theory Procedural approach proof representation. Generic theory of reasoning. practical logic Direct computation Non-monotonic computation on systems linguistic input Non Resolving Loop checking. Intrinsic logical Negation by monotonic ambiguity- Non-monotonic discipline for failure. Deductive reasoning ties. Machine decisions about AI. Evolving time databases translation. loops. Faults and communication in systems. communicating classification. databases Relevance theory Probabilistic logical analysis Real time systems Expert systems Semantics for and fuzzy logic language terms terms. Machine logic programs logic learning Intuitionistic Quantifiers in Constructive Intuitionistic Horn clause logic logic reasoning and logic is a better logic is really proof theory logical basis intuitionistic.

Modal Logic for Philosophers Sep 17 2021 Designed for use by philosophy students, this 2006 book provides an accessible, yet technically sound treatment of modal logic and its philosophical applications. Every effort has been made to simplify the presentation by using diagrams in place of more complex mathematical apparatus. These and other innovations provide philosophers with easy access to a rich variety of topics in modal logic, including a full coverage of quantified modal logic, non-rigid designators, definite descriptions, and the de-re de-dictio distinction. Discussion of philosophical issues concerning the development of modal logic is woven into the text. The book uses natural deduction systems and also includes a diagram technique that extends the method of truth trees to modal logic. This feature provides a foundation for a novel method for showing completeness, one that is easy to extend to systems that include quantifiers.

Logic Programming and Nonmonotonic Reasoning Nov 19 2021 This book constitutes the refereed proceedings of the 7th International Conference on Logic Programming and Nonmonotonic Reasoning, LPNMR 2004, held in Fort Lauderdale, Florida, USA in January 2004. The 24 revised full papers presented together with 8 system descriptions were carefully reviewed and selected for presentation. Among the topics addressed are declarative logic programming, nonmonotonic reasoning, knowledge representation, combinatorial search, answer set programming, constraint programming, deduction in ontologies, and

planning.

Logic Based Program Synthesis and Transformation Dec 09 2020 This book presents recent advances in the field of nanoscale characterization of ferroelectric materials using scanning probe microscopy (SPM). It addresses various imaging mechanisms of ferroelectric domains in SPM, quantitative analysis of the piezoresponse signals as well as basic physics of ferroelectrics at the nanoscale level, such as nanoscale switching, scaling effects, and transport behavior. This state-of-the-art review of theory and experiments on nanoscale polarization phenomena will be a useful reference for advanced readers as well for newcomers and graduate students interested in the SPM techniques. The non-specialists will obtain valuable information about different approaches to electrical characterization by SPM, while researchers in the ferroelectric field will be provided with details of SPM-based measurements of ferroelectrics.

Logic, Mathematics, Philosophy, Vintage Enthusiasms Dec 29 2019 The volume includes twenty-five research papers presented as gifts to John L. Bell to celebrate his 60th birthday by colleagues, former students, friends and admirers. Like Bell's own work, the contributions cross boundaries into several inter-related fields. The contributions are new work by highly respected figures, several of whom are among the key figures in their fields. Some examples: in foundations of maths and logic (William Lawvere, Peter Aczel, Graham Priest, Giovanni Sambin); analytical philosophy (Michael Dummett, William Demopoulos), philosophy of science (Michael Redhead, Frank Arntzenius), philosophy of mathematics (Michael Hallett, John Mayberry, Daniel Isaacson) and decision theory and foundations of economics (Ken Bimore). Most articles are contributions to current philosophical debates, but contributions also include some new mathematical results, important historical surveys, and a translation by Wilfrid Hodges of a key work of arabic logic.

An Introduction to Logic Jun 02 2020 This book introduces the basic inferential patterns of formal logic as they are embedded in everyday life, information technology, and science. It is designed to make clear the basic topics of classical and modern logic. The aim is to improve the reader's ability to navigate both everyday and science-based interactions.

About Nonstandard Neutrosophic Logic (Answers to Imamura's "Note on the Definition of Neutrosophic Logic") Dec 21 2021 In order to more accurately situate and fit the neutrosophic logic into the framework of nonstandard analysis, we present the neutrosophic inequalities, neutrosophic equality, neutrosophic infimum and supremum, neutrosophic standard intervals, including the cases when the neutrosophic logic standard and nonstandard components T, I, F get values outside of the classical unit interval [0, 1], and a brief evolution of neutrosophic operators.

Introduction to Logic Sep 25 2019 Introduction to Logic is clear and concise, uses interesting examples (many philosophical in nature), and has easy-to-use proof methods. Its key features, retained in this Third Edition, include: simpler ways to test arguments, including an innovative proof method and the star test for syllogisms; a wide scope of materials, suiting it for introductory or intermediate courses; engaging examples, from philosophy and everyday life; useful for self-study and preparation for standardized tests, like the LSAT; a reasonable price (a third the cost of some competitors); and exercises that correspond to the free LogiCola instructional program. This Third Edition: improves explanations, especially on areas that students find difficult; has a fuller explanation of traditional Copi proofs and of truth trees; and updates the companion LogiCola software, which now is touch friendly (for use on Windows tablets and touch monitors), installs more easily on Windows and Macintosh, and adds exercises on Copi proofs and on truth trees. You can still install LogiCola for free (from <http://www.harryhiker.com/lc> or <http://www.routledge.com/cw/gensler>).

Extensions of Logic Programming Jun 26 2022 This volume contains finalized versions of papers presented at an international workshop on extensions of logic programming, held at the Seminar for Natural Language Systems at the University of Tübingen in December 1989. Several recent extensions of definite Horn clause programming, especially those with a proof-theoretic background, have much in common. One common thread is a new emphasis on hypothetical reasoning, which is typically inspired by Gentzen-style sequent or natural deduction systems. This is not only of theoretical significance, but also bears upon computational issues. It was one purpose of the workshop to bring some of these recent developments together. The volume covers topics such as the languages Lambda-Prolog, N-Prolog, and GCLA, the relationship between logic programming and functional programming, and the relationship between extensions of logic programming and automated theorem proving. It contains the results of the first conference concentrating on proof-theoretic approaches to logic programming.

Lectures on Logic Aug 05 2020

Logical Form Jul 04 2020 Logical form has always been a prime concern for philosophers belonging to the analytic tradition. For at least one century, the study of logical form has been widely adopted as a method of investigation, relying on its capacity to reveal the structure of thoughts or the constitution of facts. This book focuses on the very idea of logical form, which is directly relevant to any principled reflection on that method. Its central thesis is that there is no such thing as a correct answer to the question of what is logical form: two significantly different notions of logical form are needed to fulfill two major theoretical roles that pertain respectively to logic and to semantics. This thesis has a negative and a positive side. The negative side is that a deeply rooted presumption about logical form turns out to be overly optimistic: there is no unique notion of logical form that can play both roles. The positive side is that the distinction between two notions of logical form, once properly spelled out, sheds light on some fundamental issues concerning the relation between logic and language.