



The age of alternative logics : assessing philosophy of logic and mathematics today /

Springer,
2006

Electronic books

Monografía

In the last century developments in mathematics, philosophy, physics, computer science, economics and linguistics have proven important for the development of logic. There has been an influx of new ideas, concerns, and logical systems reflecting a great variety of reasoning tasks in the sciences. This volume reflects the multi-dimensional nature of the interplay between logic and science. It presents contributions from the world's leading scholars under the following headings: - Proof, Knowledge and Computation - Truth Values beyond Bivalence - Category-Theoretic Structures - Independence, Evaluation Games, and Imperfect Information - Dialogue and Pragmatics The contents exemplify the liveliness of modern perspectives on the philosophy of logic and mathematics and demonstrate the growth of the discipline. It describes new trends, possible developments for research and new issues not normally raised in the standard agenda of the philosophy of logic and mathematics. It transforms rigid classical partitions into a more open field for improvisation

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Título: The age of alternative logics assessing philosophy of logic and mathematics today edited by Johan van Benthem [and others]

Editorial: Dordrecht Springer 2006

Descripción física: 1 online resource (vii, 348 pages) illustrations

Tipo Audiovisual: filosofie philosophy wiskunde mathematics logica logic Philosophy (General) Filosofie (algemeen)

Mención de serie: Logic, epistemology and the unity of science v. 3

Bibliografía: Includes bibliographical references and index

Contenido: From the contents Acknowledgments -- Part I Proof, Knowledge and Computation -- Part II Truth Values Beyond Bivalence -- Part III Category-Theoretic Structures -- Part IV Independence, Evaluation Games and Imperfect Information -- Part V Dialogue and Pragmatics -- Part VI Appendices. Index

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ISBN: 1402050119 Cloth) 9781402050114 Cloth) 1402050127 electronic bk.) 9781402050121 electronic bk.) 9781429418652 electronic bk.) 1429418656 electronic bk.) 9781402050127 6610634807 9786610634804

Materia: Logic, Symbolic and mathematical Mathematics- Philosophy Proof theory Categories (Philosophy) Philosophy Logic Philosophy Mathematical Logic and Foundations Logique symbolique et mathématique- Congrès Logique mathématique non classique- Congrès Connaissance, Théorie de la- Congrès PHILOSOPHY- Logic Mathematics- Philosophy Proof theory Categories (Philosophy) Logique symbolique et mathématique Logique mathématique non classique Connaissance, Théorie de la Lógica Logic, Symbolic and mathematical Categories (Philosophy) Logic, Symbolic and mathematical Mathematics- Philosophy Proof theory Lógica Logique symbolique et mathématique- Congrès Logique mathématique non classique- Congrès Connaissance, Théorie de la- Congrès

Enlace a formato físico adicional: Print version Age of alternative logics. Dordrecht : Springer, 2006 1402050119 9781402050114 (DLC) 2007295733 (OCoLC)74650546

Punto acceso adicional serie-Título: Logic, epistemology and the unity of science v. 3

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es