

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910461563003321 |
| Autore | Perez-Llantada Carmen |
| Titolo | Scientific discourse and the rhetoric of globalization [[electronic resource]] : the impact of culture and language // Carmen Perez-Llantada |
| Pubbl/distr/stampa | London ; ; New York, : Continuum International Pub. Group, 2012 |
| ISBN | 1-280-57890-4 9786613608666 1-4411-5983-5 |
| Descrizione fisica | 1 online resource (257 p.) |
| Disciplina | 501.4 501/.4 |
| Soggetti | Science - Philosophy Reason Rhetoric Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Cover; Halftitle; Seriespage; Title; Copyright; Dedication; Contents; Acknowledgements; Chapter 1. The Role of Science Rhetoric in the Global Village; Setting the Scene; Theoretical and Methodological Orientations; Rationale of the Study and Intended Readership; Structure and Scope of the Volume; Chapter 2. Scientific English in the Postmodern Age; Knowledge Production, Commodification and Globalization; Scientific Research and Knowledge-Intensive Economies; Research Outputs, Ranks and Indexes; Universities and Publicly Funded Research - The Global Milieu Accountability, Transferability and Applicability of KnowledgeThe Case of a Local, National-Based Research Milieu; The Impact of Language and Culture in the International Scientific Landscape; Discoursal Nativization, Hybridization and Glocal Discourses; Chapter 3. Problematizing the Rhetoric of Contemporary Science; Standardization Practices in Scientific Discourse; Scientific Discourse and its Social Framing Context; The Socio-Cognitive Domain of the Rhetoric of |

Science; The Textual Features of Contemporary Scientific Discourse; Mapping Intercultural Spaces in Scientific Discourse
Chapter 4. A Contrastive Rhetoric Approach to Science Dissemination
Knowledge Construction and Dissemination: Tracing Convergence and Divergence; The Role of Standardized Lexicogrammar in Scientific Dissemination; Research Telling: Intertextuality and Referentiality; The Discourse Functions of Reflexivity in Language; Research Telling and Selling in Scientific Discourse; Argumentation, Intellectual Styles and Evolving Dialogic Spaces; Chapter 5. Disciplinary Practices and Procedures Within Research Sites; An Ethnographic Approach to Science Dissemination
On the Value and Epistemology of Scientific Knowledge Production
Core/Peripheral Centres and an 'English-Only' Research World; Genre Practices and Disciplinary Enculturation; The Scope of the Anglophone Normative Model; On Deviations from the Anglophone Normative Style; Perceptions and Attitudes as Gate-Keepers of Science Dissemination; Chapter 6. Triangulating Procedures, Practices and Texts in Scientific Discourse; Towards a More Complex Rhetorical Paradigm for Science Dissemination; The Exigencies of Scientific Knowledge Production; The Exigencies of the Globalizing Processes
The Rhetoric of Science and Cultural Collisions: Harmony in Diversity? Science Gate-keeping and the Rhetoric of Contemporary Science; Situated Learning and Advanced Literacy Skills; Chapter 7. ELF and a More Complex Sociolinguistic Landscape; Glocal Discourses in Scientific Communication; The Dynamic Model of Plurilingualism and L2 Multicompetence; From Linguistic Imperialism to Diversification in ELF; Scientific ELF: Threat or Opportunity?; Issues on Language Planning and Areas of Linguistic Intervention; Scientific ELF and Alternative Geolinguistic Spaces; A Note on EAP Pedagogy
Chapter 8. Re-Defining the Rhetoric of Science

Sommario/riassunto

The rhetorical practices involved with the dissemination of scientific discourse are shifting. Addressing these changes, this book places the discourse of science in an increasingly multilingual and multicultural academic area. It contests monolingual assumptions informing scientific discourse, calling attention to emerging glocal discourses that make hybrids of the standard globalized and local academic English norms. English clearly has a hegemonic role as the lingua franca of global academia; this book conducts an intercultural rhetorical and textographic analysis to compare how Anglophone a

| | |
|-------------------------|--|
| 2. Record Nr. | UNINA9910967758003321 |
| Autore | Grattan-Guinness I |
| Titolo | The search for mathematical roots, 1870-1940 : logics, set theories and the foundations of mathematics from Cantor through Russell to Gödel // I. Grattan-Guinness |
| Pubbl/distr/stampa | Princeton, N.J., : Princeton University Press, c2000 |
| ISBN | 9786613017758 9781283017756 128301775X 9781400824045 1400824044 9781400814305 1400814308 |
| Edizione | [Course Book] |
| Descrizione fisica | 1 online resource (705 p.) |
| Classificazione | CC 2000 |
| Disciplina | 510 |
| Soggetti | Arithmetic - Foundations - History - 19th century Arithmetic - Foundations - History - 20th century Set theory - History - 19th century Set theory - History - 20th century Logic, Symbolic and mathematical - History - 19th century Logic, Symbolic and mathematical - History - 20th century |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references (p. [594]-669) and index. |
| Nota di contenuto | Front matter -- CONTENTS -- CHAPTER 1. Explanations -- CHAPTER 2. Preludes: Algebraic Logic and Mathematical Analysis up to 1870 -- CHAPTER 3. Cantor: Mathematics as Mengenlehre -- CHAPTER 4. Parallel Processes in Set Theory, Logics and Axiomatics, 1870's-1900's -- CHAPTER 5. Peano: the Formulary of Mathematics -- CHAPTER 6. Russell's Way In: From Certainty to Paradoxes, 1895-1903 -- CHAPTER 7. Russell and Whitehead Seek the Principia Mathematica, 1903-1913 -- CHAPTER 8. The Influence and Place of Logicism, 1910-1930 -- CHAPTER 9. Postludes: Mathematical Logic and Logicism in the 1930's -- CHAPTER 10. The Fate of the Search -- CHAPTER 11. Transcription |

Sommario/riassunto

While many books have been written about Bertrand Russell's philosophy and some on his logic, I. Grattan-Guinness has written the first comprehensive history of the mathematical background, content, and impact of the mathematical logic and philosophy of mathematics that Russell developed with A. N. Whitehead in their *Principia mathematica* (1910-1913). This definitive history of a critical period in mathematics includes detailed accounts of the two principal influences upon Russell around 1900: the set theory of Cantor and the mathematical logic of Peano and his followers. Substantial surveys are provided of many related topics and figures of the late nineteenth century: the foundations of mathematical analysis under Weierstrass; the creation of algebraic logic by De Morgan, Boole, Peirce, Schröder, and Jevons; the contributions of Dedekind and Frege; the phenomenology of Husserl; and the proof theory of Hilbert. The many-sided story of the reception is recorded up to 1940, including the rise of logic in Poland and the impact on Vienna Circle philosophers Carnap and Gödel. A strong American theme runs through the story, beginning with the mathematician E. H. Moore and the philosopher Josiah Royce, and stretching through the emergence of Church and Quine, and the 1930's immigration of Carnap and Gödel. Grattan-Guinness draws on around fifty manuscript collections, including the Russell Archives, as well as many original reviews. The bibliography comprises around 1,900 items, bringing to light a wealth of primary materials. Written for mathematicians, logicians, historians, and philosophers--especially those interested in the historical interaction between these disciplines--this authoritative account tells an important story from its most neglected point of view. Whitehead and Russell hoped to show that (much of) mathematics was expressible within their logic; they failed in various ways, but no definitive alternative position emerged then or since.
