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metaphor and knowledge

THE CHALLENGES OF WRITING SCIENCE

ken baake

FOREWORD BY STEPHEN A. BERNHARDT

Metaphor And Knowledge

F.R. Ankersmit, J.J.A. Mooij



Metaphor And Knowledge:

Metaphor and Knowledge Ken Baake, 2012-02-01 Metaphor and Knowledge offers a sweeping history of rhetoric and metaphor in science delving into questions about how language constitutes knowledge Weaving together insights from a group of scientists at the Santa Fe Institute as they shape the new interdisciplinary field of complexity science Ken Baake shows the difficulty of writing science when word meanings are unsettled and he analyzes the power of metaphor in science

Knowledge and Language F. R. Ankersmit, Jan Johann Albin Mooij, 1993 Metaphor lies at the heart of the contemporary debate in aesthetics semantics and the philosophy of science It is generally recognised now that metaphor is not an obfuscation of the truth as so many philosophers since Plato have argued on the contrary it is essential that we consider metaphor if we strive for an optimal understanding of how truth is gained both in science and in our everyday dealings with reality Hence metaphor is not of interest only for the literary theorists but for all those who wish to understand science and how to grasp the structure of our social world This volume presents eleven essays on the role of metaphor in philosophy poetry semiotics art literary criticism economics medical science and in political theory Through the use of metaphor the contributors provide a unique and exciting picture of these disciplines *Knowledge Representation and Metaphor* E. Cornell Way, 2013-03-14 This series will include monographs and collections of studies devoted to the investigation and exploration of knowledge information and data processing systems of all kinds no matter whether human other animal or machine Its scope is intended to span the full range of interests from classical problems in the philosophy of mind and philosophical psychology through issues in cognitive psychology and sociobiology concerning the mental capabilities of other species to ideas related to artificial intelligence and computer science While primary emphasis will be placed upon theoretical conceptual and epistemological aspects of these problems and domains empirical experimental and methodological studies will also appear from time to time The problems posed by metaphor and analogy are among the most challenging that confront the field of knowledge representation In this study Eileen Way has drawn upon the combined resources of philosophy psychology and computer science in developing a systematic and illuminating theoretical framework for understanding metaphors and analogies While her work provides solutions to difficult problems of knowledge representation it goes much further by investigating some of the most important philosophical assumptions that prevail within artificial intelligence today By exposing the limitations inherent in the assumption that languages are both literal and truth functional she has advanced our grasp of the nature of language itself J R F **Metaphor and the Dynamics of Knowledge** Sabine Maasen, Peter Weingart, 2013-01-11 This book opens up a new route to the study of knowledge dynamics and the sociology of knowledge The focus is on the role of metaphors as powerful catalysts and the book dissects their role in the construction of theories of knowledge It is of vital interest to social and cognitive scientists alike **A Cognitive Theory of Metaphor** Earl R. Mac Cormac, 1985 In this book Earl Mac Cormac presents an original and unified cognitive theory of

metaphor using philosophical arguments which draw upon evidence from psychological experiments and theories He notes that implications of this theory for meaning and truth with specific attention to metaphor as a speech act the iconic meaning of metaphor and the development of a four valued system of truth Numerous examples of metaphor from poetry and science are presented and analyzed to support Mac Cormac s theory A Cognitive Theory of Metaphor takes up three levels of explanation metaphor as expressed in surface language the semantics of metaphor and metaphor as a cognitive process and unifies these by interpreting metaphor as an evolutionary knowledge process in which metaphors mediate between minds and culture Mac Cormac considers and rejects the radical theory that all use of language is metaphorical however this argument also recognizes that the theory of metaphor may itself be metaphorical The book first considers the computational metaphor often adopted by cognitive psychology as an example of metaphor requiring analysis In contrast to three well known philosophical theories of metaphor the tension theory the controversion theory and the grammatical deviance theory it develops a semantical anomaly theory of metaphor based on a quasi mathematical hierarchy of words In developing the theory Mac Cormac makes much needed connections between theories of metaphor and more orthodox analytic philosophy of meaning including discussions of speech acts and the logic of fuzzy sets This semantical theory of explanation is then shown to be compatible with contemporary psychological theories of memory Earl R MacCormac is Charles A Dana Professor of Philosophy and Chairman of the Department of Philosophy Davidson College A Bradford Book *The Routledge Handbook of Metaphor and Language* Elena Semino,Zsófia Demjén,2016-11-03 The Routledge Handbook of Metaphor and Language provides a comprehensive overview of state of the art interdisciplinary research on metaphor and language Featuring 35 chapters written by leading scholars from around the world the volume takes a broad view of the field of metaphor and language and brings together diverse and distinct theoretical and applied perspectives to cover six key areas Theoretical approaches to metaphor and language covering Conceptual Metaphor Theory Relevance Theory Blending Theory and Dynamical Systems Theory Methodological approaches to metaphor and language discussing ways of identifying metaphors in verbal texts images and gestures as well as the use of corpus linguistics Formal variation in patterns of metaphor use across text types historical periods and languages Functional variation of metaphor in contexts including educational commercial scientific and political discourse as well as online trolling The applications of metaphor for problem solving in business education healthcare and conflict situations Language metaphor and cognitive development examining the processing and comprehension of metaphors The Routledge Handbook of Language and Metaphor is a must have survey of this key field and is essential reading for those interested in language and metaphor **Organizational Learning and Knowledge: Concepts, Methodologies, Tools and Applications** Management Association, Information Resources,2011-07-31 Organizational Learning and Knowledge Concepts Methodologies Tools and Applications demonstrates exhaustively the many applications issues and techniques applied to the science of recording categorizing using and learning

from the experiences and expertise acquired by the modern organization A much needed collection this multi volume reference presents the theoretical foundations research results practical case studies and future trends to both inform the decisions facing today s organizations and the establish fruitful organizational practices for the future Practitioners researchers and academics involved in leading organizations of all types will find useful grounded resources for navigating the ever changing organizational landscape *Encyclopedia of Knowledge Management, Second Edition* Schwartz, David,Te'eni, Dov,2010-07-31 Knowledge Management has evolved into one of the most important streams of management research affecting organizations of all types at many different levels The Encyclopedia of Knowledge Management Second Edition provides a compendium of terms definitions and explanations of concepts processes and acronyms addressing the challenges of knowledge management This two volume collection covers all aspects of this critical discipline which range from knowledge identification and representation to the impact of Knowledge Management Systems on organizational culture to the significant integration and cost issues being faced by Human Resources MIS IT and production departments

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Managing Knowledge Creation, Acquisition, Sharing, and Transformation Bratianu, Constantin,2015-03-31 Promoting organizational knowledge is an important consideration for any business looking toward the future Understanding the dynamics of knowledge intensive organizations is a crucial first step in establishing a strong knowledge base for any organization Organizational Knowledge Dynamics Managing Knowledge Creation Acquisition Sharing and Transformation introduces the idea that organizational knowledge is composed of three knowledge fields cognitive knowledge emotional knowledge and spiritual knowledge This book is useful for graduate students researchers and practitioners in knowledge management intellectual capital human resources management change management and strategic management

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