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Autore	Pereira Francisco Camara <1972->
Titolo	Creativity and artificial intelligence [[electronic resource]] : a conceptual blending approach // by Francisco Camara Pereira
Pubbl/distr/stampa	Berlin ; ; New York, : Mouton de Gruyter, c2007
ISBN	1-282-19448-8 9786612194481 3-11-019856-8
Descrizione fisica	1 online resource (264 p.)
Collana	Applications of cognitive linguistics, , 1861-4078 ; ; 4
Classificazione	ER 900
Disciplina	401/.41
Soggetti	Creativity (Linguistics) Artificial intelligence
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. [239]-249) and index.
Nota di contenuto	Frontmatter -- Contents -- Chapter 1 Introduction -- Chapter 2 Creativity -- Chapter 3 Working with Concepts -- Chapter 4 A Model of Concept Invention -- Chapter 5 Divago -- Chapter 6 Experiments -- Chapter 7 Conclusions and Future Directions -- Backmatter
Sommario/riassunto	Creativity and Artificial Intelligence: A Conceptual Blending Approach takes readers into a computationally plausible model of creativity. Inspired by a thorough analysis of work on creativity from the areas of philosophy, psychology, cognitive science, cognitive linguistics and artificial intelligence, the author deals with the various processes, principles and representations that lie underneath the act of creativity. Focusing on Arthur Koestler's Bisociations, which eventually lead to Turner and Fauconnier's conceptual blending framework, the book proposes a theoretical model that considers blends and their emergent structure as a fundamental cognitive mechanism. The author thus discusses the computational implementation of several aspects of conceptual blending theory, namely composition, completion, elaboration, frames and optimality constraints. Informal descriptions and examples are supplied to provide non-computer scientists as well as non-cognitive linguists with clear insights into these ideas. Several experiments are made, and their results are discussed, with particular

emphasis on the validation of the creativity and conceptual blending aspects. Written by a researcher with a background in artificial intelligence, the book is the result of several years of exploration and discussion from different theoretical perspectives. As a result, the book echoes some of the criticism made on conceptual blending and creativity in artificial intelligence, and thus proposes improvements in both areas, with the aim of being a constructive contribution to these very intriguing, yet appealing, research orientations.

2. Record Nr.	UNINA9910131593403321
Autore	Gagnon Alain-Gustave
Titolo	Declaration de Calgary : l'experience recente comme seul passe // Alain-G. Gagnon
Pubbl/distr/stampa	Chicoutimi : , : J.-M. Tremblay, , 2006
ISBN	1-55441-977-8
Descrizione fisica	1 online resource
Collana	Classiques des sciences sociales
Disciplina	320.15
Soggetti	Sovereignty - Philosophy Sovereignty - History
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia