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3.3.4. Introducing higher archetypes: The archetype of bipolar differentiation
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 3.6 Archetypes derivable from unfoldings with codimension > 4 and corank 1; 3.7 Semantic archetypes derivable from the compactified umbilics ($D+4$ $D-4$, $D5$); 4. APPLICATION OF CATASTROPHE THEORETIC SEMANTICS; 4.1. Dynamic inferences; 4.2 Word semantics; 4.3 Linguistic vagueness; 4.4. Compositional processes; 4.5. Application in neurolinguistics; 5. BEYOND CATASTROPHE THEORETIC SEMANTICS; 5.1. Beyond semantics: towards a dynamic theory of language; 5.2. Beyond Catastrophe Theory; FOOTNOTES; REFERENCES; INDEX

Sommario/riassunto

Rene Thom, the famous French mathematician and founder of catastrophe theory, considered linguistics an exemplary field for the application of his general morphology. It is surprising that physicists, chemists, biologists, psychologists and sociologists are all engaged in the field of catastrophe theory, but that there has been almost no echo from linguistics. Meanwhile linguistics has evolved in the direction of Rene Thom's intuitions about an integrated science of language and it has become a necessary task to review, update and elaborate the proposals made by Thom and to embed them in the f