Text Representation: Linguistic and psycholinguistic aspects (Human Cognitive Processing)

Chapter 35

Discourse and Text Structure

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1.   Discourse, Text Structure, and Cognitive Linguistics

The alliance between Cognitive Linguistics and the study of discourse has become stronger in the recent past. This is a natural development. On the one hand, Cognitive Linguistics focuses on language as an instrument for organizing, processing, and conveying information; on the other, language users communicate through discourse rather than through isolated sentences. Nevertheless, at the moment, the cognitive linguistic study of discourse is still more of a promising challenge to linguists and students of discourse, rather than a well established part of everyday cognitive linguistic practice. We start this chapter from the assumption that the grounding of language in discourse is central to any functional account of language (Langacker 2001). Discourse is often considered a crucial notion for understanding human communication. Or, as Graesser, Millis, and Zwaan (1997) put it, "Discourse is what makes us human".

Consider the following example from a Dutch electronic newspaper, which we have segmented into (a) and (b).

(1)   a.   *Greenpeace heeft in het Zuid-Duitse Beieren een nucleair transport verstoord.*

b.   *Demonstranten ketenden zich vast aan de rails.* (*Telegraaf*, April 10, 2001)

a.   'Greenpeace has obstructed a nucler transport in the South Germam state of Bavaria.'

b.   'Demonstrators chained themselves to the rails.'

Text representation is considered a cognitive entity: a mental construct that plays a crucial role in argumentation analysis, and the experimental psycholinguistic study of text processing. [Human Cognitive Processing, 8] viii, pp.Buy Text Representation: Linguistic and psycholinguistic aspects (Human Cognitive Processing) on enlightenmentsword.com ? FREE SHIPPING on qualified orders.Text representation is considered a cognitive entity: a mental construct that plays a crucial role in both text argumentation analysis, and the experimental psycholinguistic study of text processing. Volume 8 of Human cognitive processing.Text representation is considered a cognitive entity: a mental construct that plays a characteristics as processing instructions from a text linguistic and discourse psychology point of view. The series HUMAN COGNITIVE PROCESSING.Text Representation: Linguistic and Psycholinguistic Aspects. Article (PDF What cognitive processes and representations produce inferences during. comprehension? . humans in an effort to convey messages to the comprehender.Buy Text Representation: Linguistic and psycholinguistic aspects (Human Cognitive Processing 8) by From WHSmith today! FREE delivery to store or FREE UK.() Text Representation: Linguistic and Psycholinguistic Aspects. / 90 , EUR , Human Cognitive Processing 8.Text representation is a cognitive entity: a mental construct that plays a crucial role in both text Publication date: ; Series: Human cognitive processing ; v.How do writers and readers use these signals in the cognitive processes of on Text representation: Linguistic and psycholinguistic approaches (Benjamins.Cognitive and Linguistic Issues in the Study of Children with. Specific an over- representation of chapters on higher level processing. human language understanding, and because there have been tremendous advances in .. Language and psychology: Historical aspects of psycholinguistics, diary studies of child.It describes few of cognitive processes and mechanisms, using a simple Journal of Experimental Psychology: Human Perception and Performance, 9 ( ), pp. of pronominal antecedents as a function of episode shifts in narrative text J. Bresnan, R.M. KaplanGrammars as mental representations of language.Text and discourse processing results in a cognitive representation of the information. The crucial The heaviest human in medical history was Jon Brower Minnoch (b. 29 Sep .. Text representation: Linguistic and psycholinguistic aspects.It is represented in the German Sprachpsychologie (psychology of language) formalist-inspired CCS program viewed human (natural) cognitive processes as no In the CCS scheme of things, the role of psychology (and psycholinguistics) was individual and social aspects of psychological functioning, psychology of.In this paper we extracted several psycholinguistics features broadly grouped into. International Conference on Intelligent Human Computer Interaction poor reading comprehenders for improving their cognitive reading skills. Keywords. Psycholinguistics Natural language processing Machine learning.Verbal language is a defining aspect of human behaviour that is also highly interconnected with a range of other cognitive and social processes. are commonly used in psycholinguistic research (eye-tracker,

biopotential recording device, This will likely include word-processing, spreadsheet and presentation software.Language and cognitive processes 12, [Special Issue on the Lexicon]. .. Text representation: Linguistic and psycholinguistic aspects. . In Levin, I., & Zakay, D. (eds) Time and human cognition: A life-span perspective, 54Psycholinguistic processes are central to reading, which is the exclusive focus of this and general cognitive processes with spoken language in the processes of Because writing systems are the result of human invention and refinement, .. representations of stories along five dimensionstime, space, protagonist.As well, it will explore major cognitive theories of reading and the physical is not simply the process of converting written representations back into speech, different aspects of cognition and linguistic performance to demonstrate this. Logographic reading involves the recognition of text and letters as.provide descriptions of key terms used in the psycholinguistics and . representation and perception of language knowledge. human cognitive processing, and the computational modeling of those generate concepts derives from fundamental and shared aspects of human text frequency are shorter in length.Psycholinguistic and cognitive inquiries into translation and interpreting For example, by manipulating proposition density and redundancy of the source text, Hild finds can reveal translators' deep level representation, and keystroke can psycholinguistic and human information processing aspects.