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IV Cohesion

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The function of syntax. The surface text in active storage. Closely-knit patterns: phrase, clause, and sentence. Augmented transition networks. Grammatical dependencies. Rules as procedures. Micro-states and macro-states. Hold stack. Re-using patterns: recurrence; partial recurrence; parallelism; paraphrase. Compacting patterns: pro-forms; anaphora and cataphora; ellipsis; trade-off between compactness and clarity. Signalling relations: tense and aspect; updating; junction: conjunction, disjunction, contrajunction, and subordination; modality. Functional sentence perspective. Intonation.

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V Coherence

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Meaning versus sense. Non-determinacy, ambiguity, and polyvalence. Continuity of senses. Textual worlds. Concepts and relations. Strength of linkage: determinate, typical, and accidental knowledge. Decomposition. Procedural semantics. Activation. Chunks and global patterns. Spreading activation. Episodic and semantic memory. Economy. Frames, schemas, plans, and scripts. Inheritance. Primary and secondary concepts. Operators. Building a text-world model. Inferencing. The world-knowledge correlate. Reference.

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VI Intentionality and acceptability

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Intentionality. Reduced cohesion. Reduced coherence. The notion of intention across the disciplines. Speech act theory. Performatives. Grice's conversational maxims: co-operation, quantity, quality, relation, and manner. The notions of action and discourse action. Plans and goals. Scripts. Interactive planning. Monitoring and mediation. Acceptability. Judging sentences. Relationships between acceptability and grammaticality. Acceptance of plans and goals.

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VII Informativity

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Attention. Information theory. The Markov chain. Statistical versus contextual probability. Three orders of informativity.

Triviality, defaults, and preferences. Upgrading and downgrading. Discontinuities and discrepancies. Motivation search. Directionality. Strength of linkage. Removal and restoration of stability. Classifying expectations: the real world; facts and beliefs; normal ordering strategies; the organization of language; surface formatting; text types; immediate context. Negation. Definiteness. A newspaper article and a sonnet. Expectations on multiple levels. Motivations of non-expectedness.

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VIII Situationality

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Situation models. Mediation and evidence. Monitoring versus managing. Dominances. Noticing. Normal ordering strategies. Frequency. Salience. Negotiation. Exophora. Managing. Plans and scripts. Planboxes and planbox escalation. A trade-off between efficiency and effectiveness. Strategies for monitoring and managing a situation.

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IX Intertextuality

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Text types versus linguistic typology. Functional definitions: descriptive, narrative, and argumentative texts; literary and poetic texts; scientific and didactic texts. Using and referring to well-known texts. The organization of conversation. Problems and variables. Monitoring and managing. Reichman's coherence relations. Discourse-world models. Recalling textual content. Effects of the schema. Trace abstraction, construction, and reconstruction. Inferencing and spreading activation. Mental imagery and scenes. Interactions between text-presented knowledge and stored world-knowledge. Textuality in recall experiments.

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X Research and schooling

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Cognitive science: the skills of rational human behaviour; language and cognition. Defining intelligence. Texts as vehicles of science. Sociology. Anthropology. Psychiatry and consulting psychology. Reading and readability. Writing. Literary studies: de-automatization; deviation; generative poetics; literary criticism as downgrading. Translation studies: literal and free translating; equivalence of experience; literary translating. Contrastive linguistics. Foreign-language teaching. Semiotics. Computer science and artificial intelligence. Understanding understanding.

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Index of important terms

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