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   Nota di contenuto   Language and Knowledge Structures -- A Peircean ontology of language -- Word Graphs: The Third Set -- Aspecto-Temporal Data and Lexical Representations in French within Simple Conceptual Graphs on the Basis of Semantico-Cognitive Schemes -- Learning to Generate CGs from Domain Specific Sentences -- Solving-Oriented and Domain-Oriented Knowledge Structures: Their Application to Debugging Problem Solving Activity -- Logical and Mathematical Foundations of Conceptual Structures -- Concept Graphs and Predicate Logic -- Generalized Quantifiers and Conceptual Graphs -- Simple Semiconcept Graphs: A Boolean Logic Approach -- Boolean Judgment Logic -- Pattern Structures and Their Projections -- Formal Concept Analysis

Methods for Dynamic Conceptual Graphs -- Many-Valued Context Analysis Using Descriptions -- Mathematical Support for Empirical Theory Building -- Conceptual Structures for Data and Knowledge Bases -- Searching for Objects and Properties with Logical Concept Analysis -- Reverse Pivoting in Conceptual Information Systems -- Refinement of Conceptual Graphs -- Large-scale cooperatively-built KBs -- Conceptual Structures and Meta-data -- Conceptual Graphs and Metamodeling -- Making Virtual Communities Work: Matching Their Functionalities -- Extension of RDFS Based on the CGs Formalisms -- Algorithms and Systems -- Building Concept (Galois) Lattices from Parts: Generalizing the Incremental Methods -- A Term-Based Approach to Project Scheduling -- Browsing Semi-structured Web texts using Formal Concept Analysis -- Ossa - A Conceptual Modelling System for Virtual Realities -- Uses, Improvements, and Extensions of Prolog+CG: Case Studies -- An Application of the Process Mechanism to a Room Allocation Problem Using the pCG Language.

| Sommario/riassunto | We are pleased to bring you this collection of papers for the Ninth International Conference on Conceptual Structures (ICCS), representing continued excellence in conceptual structures research. We have adopted the title \Broadening the Base," acknowledging the importance of contributions from scholars in many research areas. The rst ICCS meetings focused primarily on Sowa's conceptual graphs; in recent years, however, the ICCS conference series has intentionally widened its scope to stimulate research across domain boundaries. We hope that this stimulation is further enhanced by ICCS 2001 continuing the long tradition of lively conferences about Conceptual Structures. We wish to express our appreciation to all the authors of submitted papers, to the general chair, to the members of the editorial board and the program committee, and to the additional reviewers for making ICCS 2001 a valuable contribution to the knowledge processing research eld. We would also like to acknowledge the leadership of Guy Mineau and Bernhard Ganter in providing a solid framework for an open and e ective reviewing process. Very special thanks go to the local organizers for making the conference possible and, furthermore, an enjoyable and inspiring event. We are grateful to the University of Alabama in Huntsville, and the University of Karlsruhe for their generous support. |