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Nota di contenuto	Applications of Conceptual Structures -- On the use of FCA models in static analysis tools to detect common errors in programming -- Nested conceptual graphs for information fusion traceability -- Generating Layered Enterprise Architectures with Conceptual Structures -- An Approach to Identifying the Most Predictive and Discriminant Features in Supervised Classification Problems -- Combining Implications and Conceptual Analysis to Learn from a Pesticidal Plant Knowledge Base -- Ranking Schemas by Focus: A Cognitively-Inspired Approach -- Theory on Conceptual Structures -- Improving the Performance of Lindig-style Algorithms with Empty Intersections -- Quantifying the Conceptual Error in Dimensionality Reduction -- Conceptual Relevance Index for Identifying Actionable Formal Concepts

-- Attribute Selection using Contranomial Scales -- Packing Problems, Dimensions and the Tensor Product of Complete Lattices -- Mining Conceptual Structures -- Random generation of a locally consistent spatio-temporal graph -- Mining Contextual Rules to Predict Asbestos in Buildings -- Temporal sequence mining using FCA and GALACTIC -- Restricted Bi-pattern Mining -- A Semantic-Based Approach for Assessing the Impact of Cyber-Physical Attacks: a Healthcare Infrastructure Use Case.

Sommario/riassunto

This book constitutes the proceedings of the 26th International Conference on Conceptual Structures, ICCS 2021, held virtually in September 2021. The 12 full papers and 4 short papers presented were carefully reviewed and selected from 25 submissions. The papers focus on the representation of and reasoning with conceptual structures in a variety of contexts. The papers are organized in the following topical sections: applications of conceptual structures; theory on conceptual structures, and mining conceptual structures.