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Nota di contenuto	Logic -- Wisdom Technology: A Rough-Granular Approach -- Paraconsistent Reasoning with Words -- Language -- On the Root-Based Lexicon for Polish -- Representation of Uzbek Morphology in Prolog -- Inflection of Polish Multi-Word Proper Names with Morfeusz and Multiflex -- A New Formal Definition of Polish Nominal Phrases -- Morphosyntactic Constraints in the Acquisition of Linguistic Knowledge for Polish -- Towards the Automatic Acquisition of a Valence Dictionary

for Polish -- Semantic Annotation of Verb Arguments in Shallow Parsed Polish Sentences by Means of the EM Selection Algorithm -- Adjectives: Constructions vs. Valence -- Applications -- User-Centered Design for a Voice Portal -- Speech Understanding System SUSY—A New Version of the Speech Synthesis Program -- Exploring Curvature-Based Topic Development Analysis for Detecting Event Reporting Boundaries -- Domain Model for Medical Information Extraction—The LightMedOnt Ontology -- A Survey of Text Processing Tools for the Automatic Analysis of Molecular Sequences -- Intelligent Decision Support: A Fuzzy Stock Ranking System -- COLLANE: An Experiment in Computer-Mediated Tacit Collaboration.

Sommario/riassunto

For many years Leonard Bolc has played an important role in the Polish computer science community. He is especially known for his clear vision in the development of artificial intelligence, inspiring research, organizational and editorial achievements in areas such as e.g.: logic, automatic reasoning, natural language processing, and computer applications of natural language or human-like reasoning. This Festschrift volume, published to honor Leonard Bolc on his 75th birthday includes 17 refereed papers by leading researchers, his friends, former students and colleagues to celebrate his scientific career. The essays present research in the areas which Leonard Bolc and his colleagues investigated during his long scientific career. The volume is organized in three parts; the first is devoted to logic - the domain which was one of the most explored by Leonard Bolc himself. The second part contains papers focusing on different aspects of computational linguistics; the third part comprises papers describing different applications in which natural language processing or automatic reasoning plays an important role.
