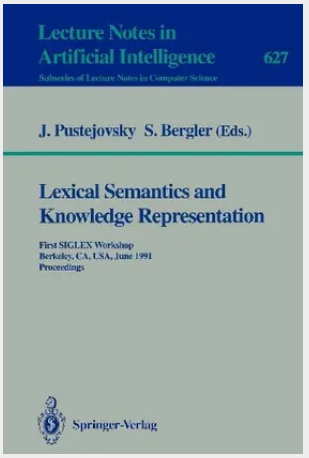
Pustejovsky / Bergler

Lexical Semantics and Knowledge Representation

First SIGLEX Workshop, Berkeley, CA, USA, June 17, 1991. Proceedings

Recent work on formal methods in computational lexical semantics has had theeffect of bringing many linguistic formalisms much closer to the knowledge representation languages used in artificial intelligence. Formalisms are now emerging which may be more expressive and formally better understood than many knowledge representation languages. The interests of computational linguists now extend to include such domains as commonsense knowledge, inheritance, default reasoning, collocational relations, and even domain knowledge. With such an extension of the normal purview of "linguistic" knowledge, one may question whether there is any logical justification for distinguishing between lexical semantics and commonsense reasoning. This volume explores the question from several methodologicaland theoretical perspectives. What emerges is a clear consensus that the notion of the lexicon and lexical knowledge assumed in earlier linguistic research is grossly inadequate and fails to address the deeper semantic issues required for natural language analysis.

Recent work on formal methods in computational lexicalsemantics has had theeffect of bringing many linguisticformalisms much closer to the knowledge representationlanguages used in artificial intelligence. Formalisms arenow emerging which may be more expressive and formallybetter understood than many knowledge representationlanguages. The interests of computational linguists nowextend to include such domains as commonsense knowledge,inheritance, default reasoning, collocational relations, andeven domain knowledge. With such an extension of the normalpurview of "linguistic" knowledge, one may question whetherthere is any logical justification for distinguishingbetween lexical semantics and commonsense reasoning.This volume explores the question from severalmethodologicaland theoretical perspectives. What emerges isa clear consensus that the notion of the lexicon and lexicalknowledge assumed in earlier linguistic research is grosslyinadequate and fails to address the deeper semantic issuesrequired for natural language analysis.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540558019
Medium: Buch
ISBN: 978-3-540-55801-9
Verlag: Springer
Erscheinungstermin: 10.09.1992
Sprache(n): Englisch
Auflage: Erscheinungsjahr 1992
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 1230 g
Seiten: 388
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)