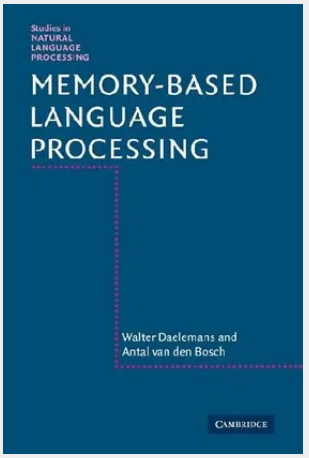
Daelemans / van den Bosch

Memory-Based Language Processing

Memory-based language processing - a machine learning and problem solving method for language technology - is based on the idea that the direct reuse of examples using analogical reasoning is more suited for solving language processing problems than the application of rules extracted from those examples. This book discusses the theory and practice of memory-based language processing, showing its comparative strengths over alternative methods of language modelling. Language is complex, with few generalizations, many sub-regularities and exceptions, and the advantage of memory-based language processing is that it does not abstract away from this valuable low-frequency information. By applying the model to a range of benchmark problems, the authors show that for linguistic areas ranging from phonology to semantics, it produces excellent results. They also describe TiMBL, a software package for memory-based language processing. The first comprehensive overview of the approach, this book will be invaluable for computational linguists, psycholinguists and language engineers.

Discusses the theory and practice of memory-based language processing - a machine learning method for modelling language.



48,60 €
48,60 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780521114455
Medium: Buch
ISBN: 978-0-521-11445-5
Verlag: Cambridge University Press
Erscheinungstermin: 27.02.2009
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2009
Serie: Studies in Natural Language Processing
Produktform: Kartoniert
Gewicht: 298 g
Seiten: 200
Format (B x H): 152 x 229 mm

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