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Descrizione fisica	1 online resource (318 p.)
Altri autori (Persone)	DongQiang
Disciplina	401.43
Soggetti	Semantics - Data processing Lexicology - Data processing Phraseology - Data processing Natural language processing (Computer science) Machine translating Chinese language - Data processing English language - Data processing
Lingua di pubblicazione	Inglese
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Note generali	Accompanying CD-ROM contains Mini-HowNet, software to demonstrate concepts described in the text, and associated text files.
Nota di bibliografia	Includes bibliographical references (p. 275-283) and index.
Nota di contenuto	1. Meaning and its representation. 1.1. Concept Relation Net (CRN). 1.2. Attribute Relation Net (ARN) -- 2. Overview of HowNet. 2.1. The history of HowNet. 2.2. The nature of HowNet. 2.3. The architecture of HowNet -- 3. Sememes. 3.1. What is a Sememe. 3.2. Acquisition of a Sememe set. 3.3. Inspiration from Chinese -- 4. Concept classification and property description. 4.1. Concept classification. 4.2. Arbitrariness and purpose of classification. 4.3. Classification by top-down or bottom-up. 4.4. General guidelines for concept classification in HowNet. 4.5. Root-nodes in HowNet -- 5. Semantic roles. 5.1. What is a semantic role. 5.2. Semantic roles in HowNet -- 6. Taxonomy. 6.1. Event taxonomy. 6.2. Entity taxonomy. 6.3. Attribute taxonomy. 6.4. Attribute-value taxonomy. 6.5. Secondary features list. 6.6. Antonymous and converse Sememes lists -- 7. Knowledge dictionary of HowNet. 7.1. Lexical entry. 7.2. Part-of-Speech (POS). 7.3. Example.

7.4. Concept definition -- 8. Knowledge database mark-up language and concept defining. 8.1. Extended BNF of KDML. 8.2. Identifiers of KDML and referent signs. 8.3. Defining regulations. 8.4. Principles of defining concepts -- 9. Revelation of relations in HowNet. 9.1. Explicit relations. 9.2. Implicit relations. 9.3. Axiomatic relation of events and role shifting -- 10. Browser - HowNet's device of computation of meaning. 10.1. Dictionary page. 10.2. Taxonomy page -- 11. Secondary resources - HowNet's devices of computation of meaning. 11.1. Concept Relevance Calculator (CRC). 11.2. Concept Similarity Measure (CSM). 11.3. Query Expansion Tool (QET) -- 12. HowNet as a software. 12.1. Data construction. 12.2. Application Program Interface (API) of HowNet -- 13. New resources activating new technology - some applications of HowNet. 13.1. Word Sense Disambiguation (WSD). 13.2. Question analysis in question answering. 13.3. Domain-specific seed word list updating -- 14. Some views of Chinese through HowNet. 14.1. Words or no words. 14.2. Part-of-speech - semantics-first. 14.3. Aspect of Chinese verbs.