

References Cited

- [Allgayer, 1989] J. Allgayer, K. Harbusch, A. Kobsa, C. Reddig, N. Reithinger and D. Schmauks, "Xtra: A natural-language access system to expert systems," *Int. J. Man-Machine Studies*, 31, 1989, 161-195
- [Baader, 2000] F. Baader and U. Sattler, "Tableau Algorithms for Description Logics," In R. Dyckhoff (eds.), *Proceedings of the International Conference on Automated Reasoning with Tableaux and Related Methods (Tableaux 2000)*, n. 1847, Lecture Notes in Artificial Intelligence, Springer-Verlag, 2000, 1–18
- [Beale, et al., 2004] S. Beale, B. Lavoie, M. McShane, S. Nirenburg and T. Korelsky, "Question Answering Using Ontological Semantics," *Proceedings of COLING 2004*
- [Binsted, 1996] K. Binsted, **Machine Humour: An Implemented Model Of Puns**, Doctoral dissertation, University of Edinburgh, Scotland, UK, 1996
- [Binsted, 1998] K. Binsted and O. Takizawa, "BOKE: A Japanese Punning Riddle Generator," *The Journal of the Japanese Society for Artificial Intelligence*, 13:6, 1998, (in Japanese)
- [Binsted, 2006] K. Binsted, B. Bergen, S. Coulson, A. Nijholt, O. Stock, C. Strapparava, G. Ritchie, R. Manurung, H. Pain, A. Waller and D. O'Mara, "Computational Humor," *IEEE Intelligent Systems (special sub-issue)*, 21, 2006, 59-69
- [Clark, 2000] P. Clark and B. Porter, "\$RESTAURANT Re-visited: A KM implementation of a compositional approach," Technical Report, AI Lab, University of Texas at Austin, 2000
- [Fehrer, 1994] D. Fehrer, U. Hustadt, M. Jaeger, A. Nonnengart, H.-J. Ohlbach, R. Schmidt, C. Weidenbach and E. Weydert, "Description logics for natural language processing," *Proceedings of the 1994 Description Logic Workshop*
- [Fellbaum, 1998] C. Fellbaum, **WordNet: An electronic lexical database**, The MIT Press
- [Franconi, 1994] E. Franconi, "Description logics for natural language processing," *Working Notes of the AAAI Fall Symposium on Knowledge Representation for Natural Language Processing in Implemented Systems*, 1994, 37-44
- [Frisch, 1996] S. Frisch, **Similarity and frequency in phonology**, Doctoral dissertation, Northwestern University
- [Hajek, 2005] P. Hajek, "Making fuzzy description logic more general," *Fuzzy Sets and Systems*, 2005
- [Hassell, 2006] J. Hassell, B. Aleman-Meza and B. Arpinar, "Ontology-Driven Automatic Entity Disambiguation in Unstructured Text," *Proceedings of the 5th International Semantic Web Conference*, 2006
- [Hempelmann, 2001] C. Hempelmann, S. Attardo and S. Di Maio, "Script oppositions and logical mechanisms: Modeling incongruities and their resolutions," *HUMOR - International Journal of Humor Research*, 15:1, 2002, 3-46
- [Hempelmann, 2003] C. Hempelmann, **Paronomasic Puns: Target Recoverability Towards Automatic Generation**, Doctoral dissertation, Purdue University, Indiana, 2003
- [Hempelmann, 2006] C. Hempelmann, V. Raskin and K. Triezenberg "Computer, Tell Me a Joke ... but Please Make it Funny: Computational Humor with Ontological Semantics," *Proceedings of the 19th FLAIRS Conference*, Melbourne Beach, FL, 2006

- [Herzog, 1991] O. Herzog and C. Rollinger, (eds), **Text Understanding in LILOG**, Springer-Verlag, 1991
- [Hirst, 1987] G. Hirst, **Semantic Interpretation And The Resolution Of Ambiguity**, Cambridge University Press, Cambridge, England, 1987
- [Holldobler, 2004] S. Holldobler, H.-P. Storr, T. Khang and N. Nga, "The Subsumption Problem of the Fuzzy Description Logic ALC_{FH}," *Proceedings of Tenth International Conference IPMU 2004: Information Processing and Management of Uncertainty in Knowledge-Based Systems*, 2004
- [Humphreys, 1982] G. Humphreys, L. Evett and D. Taylor, "Automatic phonological priming in visual word recognition," *Memory and Cognition*, 10, 1982, 576-590
- [Klein, 2001] M. Klein and D. Fensel, "Ontology Versioning on the Semantic Web," *Proceedings of the Semantic Web Working Symposium (SWWS)*, Stanford, California, 2001.
- [Kučera, 1967] H. Kucera and W. Francis, **Computational analysis of present-day American English**, Brown University Press, 1967
- [Lavelli, 1992] A. Lavelli, B. Magnini and C. Strapparava, "An approach to multilevel semantics for applied systems," *Proceedings of the 3rd ACL Conference on Applied Natural Language Processing*, 1992, 17-24
- [Lenat, 1990] D. Lenat, R. Guha, K. Pittman, D. Pratt and M. Shepherd "CYC: Toward Programs with Common Sense," *Communications of the ACM* 33(8), 1990, 30-49
- [Lessard, 1992] G. Lessard and M. Levison, "Computational Modelling Of Linguistic Humour: Tom Swifities," *Proceedings of ALLC/ACH Joint Annual Conference*, Oxford, 1992
- [Manning, 1999] C. Manning and H. Schtze, **Foundations of Statistical Natural Language Processing**, The MIT Press, 1999
- [McDonough, 2001] C. McDonough, "Mnemonic String Generator: Software To Aid Memory Of Random Passwords," CERIAS Technical report, West Lafayette, IN, 2001
- [McKay, 2002] J. McKay, "Generation Of Idiom-based Witticisms To Aid Second Language Learning," *Proceedings of Twente Workshop on Language Technology 20*, Enschede, University of Twente, The Netherlands, 2002, 77-88
- [Meyer, 1971] D. Meyer and R. Schvaneveldt, "Facilitation in recognizing pairs of words: Evidence of a dependence between retrieval operations," *Journal of Experimental Psychology*, 90, 1971, 227-234
- [Mihalcea, 2005] R. Mihalcea and C. Strapparava, "Computational Laughing: Automatic Recognition of Humorous One-liners," *Proceedings of the Cognitive Science*, 2005
- [Nirenburg, 2004] S. Nirenburg and V. Raskin, **Ontological Semantics**, The MIT Press, 2004
- [Olsen, 2006] K. Olsen, "Computer Intelligence and Formalization," *Computer*, 39:9, 2006
- [O'Mara, 2002] D. O'Mara and A. Waller, "What do you get when you cross a communication aid with a riddle?," *The Psychologist*, 16:2, 2002, 78-80
- [Parkin, 1986] A. Parkin, M. McMullen and D. Graystone, "Spelling-to-sound regularity affects pronunciation latency but not lexical decision," *Journal of Psychological Research* 48:2, 1986, 87-92

- [Purandare, 2006] A. Purandare and D. Litman, "Humor: Prosody Analysis and Automatic Recognition for F * R * I * E * N * D * S *," In *Proceedings of the Conference on Empirical Methods in Natural Language Processing*, 2006, Sydney, Australia
- [Raskin, 1985] V. Raskin, **Semantic Mechanisms of Humor**, Dordrecht: Reidel, 1985
- [Ritchie, 2004] G. Ritchie, **The Linguistic Analysis of Jokes**, Routledge: London and New York, 2004
- [Rubenstein, 1970] H. Rubenstein, L. Garfield, and J. Millikan, "Homographic entries in the internal lexicon," *Journal of Verbal Learning and Verbal Behavior*, 9, 1970, 487-494
- [Ruch, 2001] W. Ruch, "The Perception of Humor." In A. Kaszniak (ed), **Emotion, Qualia, and Consciousness**, Tokyo, Japan: Word Scientific Publisher, 2001
- [Rychtyckyj, 1999] N. Rychtyckyj, "DLMS: Ten years of AI for vehicle assembly process planning," *Proceedings of the 11th Annual Conf. on Innovative Applications of Artificial Intelligence*, 1999, 821-828
- [Samek-Lodovici, 1990] V. Samek-Lodovici and C. Strapparava, "Identifying noun phrase references: the topic module of the Alfresco system," *Proceedings of the 9th European Conf. on Artificial Intelligence*, 1990, 573-578
- [Simner, 2004] J. Simner, "Language – Understanding Words," <http://129.215.50.40/Staff/ra/jsimner/teaching.html>
- [Sleator, 1993] D. Sleator and D. Temperly, "Parsing English with a Link Grammar," *Proceedings of Third International Workshop on Parsing Technologies*, 1993
- [Sowa, 1999] J. F. Sowa, **Knowledge Representation: Logical, Philosophical, and Computational Foundations**, Course Technology, 1999
- [Stock, 1991] O. Stock, G. Carenini, F. Cecconi, E. Franconi, A. Lavelli, B. Magnini, F. Pianesi, M. Ponzi, V. Samek-Lodovici, and C. Strapparava, "Natural language and exploration of an information space: the Alfresco interactive system," *Proceedings of the 12th Int. Joint Conf. on Artificial Intelligence*, 1991, 972-978
- [Stock, 1993] O. Stock, G. Carenini, F. Cecconi, E. Franconi, A. Lavelli, B. Magnini, F. Pianesi, M. Ponzi, V. Samek-Lodovici, and C. Strapparava, "Alfresco: Enjoying the combination of natural language processing and hypermedia for information exploration," In M. Maybury, (ed), **Intelligent Multimedia Interfaces**, The MIT Press, 1993, 197-224
- [Stock, 2002] O. Stock and C. Strapparava, "Humorous Agent For Humorous Acronyms: The HAAcronym Project," *Proceedings of Twente Workshop on Language Technology 20*, Enschede, University of Twente, The Netherlands, 2002, 125-136
- [Stoilos, 2005] G. Stoilos, G. Stamou, V. Tzouvaras, J. Pan and I. Horrocks, "The Fuzzy Description Logic f-SHIN," *Proceedings of the International Workshop on Uncertainty Reasoning For the Semantic Web*, 2005
- [Straccia, 1998] U. Straccia, "A Fuzzy Description Logic," In *Proceedings of AAAI-98, 15th National Conference on Artificial Intelligence*, Madison, Wisconsin, 1998
- [Straccia, 2006] U. Straccia, "A Fuzzy Description Logic for the Semantic Web," In E. Sanchez (ed), **Capturing Intelligence: Fuzzy Logic and the Semantic Web**, Elsevier, 2006.

- [Suchanek, 2006] F. Suchanek, G. Ifrim and G. Weikum "LEILA: Learning to Extract Information by Linguistic Analysis," *Proceedings of the 2nd Workshop on Ontology Learning and Population (OLP2) @COLING/ACL 2006*, Sydney, Australia, 2006, 18-25
- [Taylor, 2004] J. Taylor and L. Mazlack, "Computationally recognizing wordplay in jokes," *Proceedings of CogSci 2004*, Chicago, 2004
- [Taylor, 2007a]. J. Taylor and L. Mazlack "Reverse Engineering Humor," *Proceedings of CogSci 2007*, Nashville, 2007
- [Taylor, 2007b]. J. Taylor and L. Mazlack "Multiple Component Computational Recognition of Children's Jokes," *Proceedings 2007 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2007)*, Montreal, October, 2007
- [Tresp, 1998] C. Tresp and R. Molitor, "A Description Logic for Vague Knowledge," *Proceedings of the ECAI*, 1998, 361-365
- [Triezenberg, 2003] K. Triezenberg, "From Heuristics to Ontological Scripts," *Workshop on Semantic Ontology-Ontological Semantics*, University of Leipzig and DFG/IFOMIS, 2003
- [Wahlster, 2000] W. Wahlster, (ed), **Verbmobil: Foundations of Speech-to-Speech Translation**, Springer-Verlag, 2000
- [Weischedel, 1989] R. Weischedel, "A hybrid approach to representation in the JANUS natural language processor," *Proceedings of the 27th Annual Meeting of the Association for Computational Linguistics*, 1989, 193-202
- [Weide, 1998] R. Weide, CMU Pronouncing Dictionary. <http://www.speech.cs.cmu.edu/cgi-bin/cmudict>
- [Wilson, 1987] M. Wilson, MRC psycholinguistic database: Machine usable dictionary, http://www.psy.uwa.edu.au/mrcdatabase/uwa_mrc.htm
- [Yokogawa, 2002] T. Yokogawa "Japanese Pun Analyzer Using Articulation Similarities," *Proceedings of FUZZ-IEEE*, Honolulu, HI, 2002
- [Zadeh, 1965] L. Zadeh, "Fuzzy Sets," *Information and Control*, 8, 1965, 338-353.
- [Zadeh, 1999] L. Zadeh, "From computing with numbers to computing with words from manipulation of measurements to manipulation of perceptions," *IEEE Transactions on Circuits and Systems*, 45:1, 1999, 105-119
- [Zadeh, 2001] L. Zadeh, "A new direction in AI-toward a computational theory of perceptions," *AI Magazine* 22 :1, 2001, 73-84
- [Zadeh, 2004a] L. Zadeh, "A note on web intelligence, world knowledge and fuzzy logic," *Data & Knowledge Engineering*, 50:3, 2004
- [Zadeh, 2004b] L. Zadeh, "Precisiated Natural Language (PNL)," *AI Magazine*, 25:3, 2004, 74-91