Linguistics for the Age of AI

The title-level DOI for this work is:

doi:10.7551/mitpress/13618.001.0001

References

Allen, J., Ferguson, G., Blaylock, N., Byron, D., Chambers, N., Dzikovska, M., Galescu, L., & Swift, M. (2006). Chester: Towards a personal medication advisor. *Journal of Biomedical Informatics*, *39*(5), 500–513.

Allen, J., Ferguson, G., Swift, M., Stent, A., Stoness, S., Galescu, L., Chambers, N., Campana, E., & Aist, G. (2005). Two diverse systems built using generic components for spoken dialogue (Recent progress on TRIPS). *Proceedings of the ACL Interactive Poster and Demonstration Sessions at the 43rd Annual Meeting of the Association for Computational Linguistics* (pp. 85–88). The Association for Computational Linguistics.

Allen, J., & Heeman, P. (1995). *TRAINS Spoken Dialog Corpus* (LDC95S25, CD). Linguistic Data Consortium.

Allen, J., Chambers, N., Ferguson, G., Galescu, L., Jung, H., Swift, M., & Taysom, W. (2007). PLOW: A collaborative task learning agent. *Proceedings of the 22nd National Conference on Artificial Intelligence* (Vol. 2, pp. 1514–1519). The AAAI Press.

Altmann, G. T. M., & Kamide, Y. (1999). Incremental interpretation at verbs: Restricting the domain of subsequent reference. *Cognition*, *73*(3), 247–264.

Andler, D. (2006). Phenomenology in artificial intelligence and cognitive science. In H. Dreyfus & M. Wrathall (Eds.), *The Blackwell companion to phenomenology and existentialism* (pp. 377–393). Blackwell.

Apresjan, Ju. D. (Ed.). (2004). *Novyj ob" jasnitel'nyj slovar' sinonimov russkogo jazyka* [*New explanatory dictionary of Russian synonyms*] (2nd ed.). Vienna Slavic Almanac.

Argall, B., Chernova, S., Veloso, M. M., & Browning, B. (2009). A survey of robot learning from demonstration. *Robotics & Autonomous Systems*, *57*, 469–483.

Asher, N. (1993). *Reference to abstract objects in discourse*. Kluwer.

Asher, N., & Lascarides, A. (1996). Bridging. In R. van der Sandt, R. Blutner, & M. Bierwisch (Eds.), *From underspecification to interpretation*. Working Papers of the Institute for Logic and Linguistics. IBM Deutschland, Heidelberg.

Asher, N., & Lascarides, A. (2003). *Logics of conversation*. Cambridge University Press.

Bailer-Jones, D. M. (2009). *Scientific models in philosophy of science*. University of Pittsburgh Press.

Baker, M., Hansen, T., Joiner, R., & Traum, D. (1999). The role of grounding in collaborative learning tasks. In P. Dillenbourg (Ed.), *Collaborative Learning: Cognitive and Computational Approaches* (pp. 31–63). Elsevier.

Bakhshandeh, O., Wellwood, A., & Allen, J. (2016). Learning to jointly predict ellipsis and comparison structures. *Proceedings of the 20th SIGNLL Conference on Computational Natural Language Learning (CoNLL)* (pp. 62–74). The Association for Computational Linguistics.

Ball, J. (2011). A pseudo-deterministic model of human language processing. In L. Carlson, C. Hoelscher, & T. F. Shipley (Eds.), *Proceedings of the Thirty-third Annual Conference of the Cognitive Science Society* (pp. 495–500). Cognitive Science Society.

Bar Hillel, Y. (1970). *Aspects of language*. Magnes.

Baral, C., Lumpkin, B., & Scheutz, M. (2017). A high level language for human robot interaction. *Proceedings of Advances in Cognitive Systems*, *5* (pp. 1–16). Cognitive Systems Foundation.

Barker, K., Agashe, B., Chaw, S., Fan, J., Friedland, N., Glass, M., Hobbs, J., Hovy, E., Israel, D., Kim, D. S., Mulkar-Mehta, R., Patwardhan, S., Porter, B., Tecuci, D., & Yeh P. (2007). Learning by reading: A prototype system, performance baseline, and lessons learned. *Proceedings of the 22nd AAAI Conference on Artificial Intelligence* (pp. 280–286). The AAAI Press.

Barzilay, R., & McKeown, K. (2001). Extracting paraphrases from a parallel corpus. *Proceedings of the 39th Annual Meeting of the Association for Computational Linguistics* (pp. 50–57). The Association for Computational Linguistics.

Beale, S., Nirenburg, S., & McShane, M. (2003). Just-in-time grammar. *Proceedings of the 2003 International Multiconference in Computer Science and Computer Engineering.*

Bean, D. L., & Riloff, E. (1999). Corpus-based identification of non-anaphoric noun phrases. *Proceedings of the 37th Annual Meeting of the Association for Computational Linguistics* (pp. 373–380). The Association for Computational Linguistics.

Bello, P. (2011). Shared representations of belief and their effects on action selection: A preliminary computational cognitive model. *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 2997–3002). Cognitive Science Society.

Bello, P., & Guarini, M. (2010). Introspection and mindreading as mental simulation. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 2022–2028). Cognitive Science Society.

Berners-Lee, T., Hendler, J., & Lassila, O. (2001). The Semantic Web. *Scientific American*, *284*(5), 34–43.

Besold, T. R., & Uckelman, S. L. (2018) Normative and descriptive rationality: From nature to artifice and back. *Journal of Experimental & Theoretical Artificial Intelligence*, *30*(2), 331–344.

Bickerton, D. (1990). *Language and species*. University of Chicago Press.

Bielza, C., Gómez, M., & Shenoy, P. P. (2010). Modeling challenges with influence diagrams: Constructing probability and utility models. *Decision Support Systems, 49*(4), 354–364.

Bies, A., Ferguson, M., Katz, K., & MacIntyre, R. (1995). Bracketing guidelines for Treebank II Style Penn Treebank Project. http://www.cis.upenn.edu/~bies/manuals/root.pdf

Blackburn, P., & Bos, J. (2005). *Representation and inference for natural language: A first course in computational semantics*. Center for the Study of Language and Information.

Bontcheva, K., Tablan, V., Maynard, D., & Cunningham, H. (2004). Evolving GATE to meet new challenges in language engineering. *Natural Language Engineering*, *10*(3–4), 349–373.

Bos, J., & Spenader, J. (2011). An annotated corpus for the analysis of VP ellipsis. *Language Resources and Evaluation*, *45*, 463–494.

Bowdle, B., & Gentner, D. (2005). The career of metaphor. *Psychological Review*, *112*, 193–216.

Bowman, S. R., Angeli, G., Potts, C., & Manning, C. D. (2015). A large annotated corpus for learning natural language inference. *Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing* (pp. 632–642). The Association for Computational Linguistics.

Boyd, A., Gegg-Harrison, W., & Byron, D. (2005). Identifying non-referential *it*: A machine learning approach incorporating linguistically motivated patterns. *Proceedings of the ACL Workshop on Feature Engineering for Machine Learning in Natural Language Processing* (pp. 40–47). The Association for Computational Linguistics.

Brants, T. (2000). TnT—a statistical part-of-speech tagger. *Proceedings of the Sixth Conference on Applied Natural Language Processing.* The Association for Computational Linguistics.

Bratman, M. E. (1987). *Intentions, plans, and practical reason*. Harvard University Press.

Brick, T., & Scheutz, M. (2007). Incremental natural language processing for HRI. *Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction* (pp. 263–270). Association for Computing Machinery.

Brooks, R. (2015). Mistaking performance for competence. In J. Brockman (Ed.), *What to think about machines that think* (pp. 108–111). Harper Perennial.

Buitelaar, P. P. (2000). Reducing lexical semantic complexity with systematic polysemous classes and underspecification. In A. Bagga, J. Pustejovsky, & W. Zadrozny (Eds.), *Proceedings of the 2000 NAACL-ANLP*

Workshop on Syntactic and Semantic Complexity in Natural Language Processing Systems (pp. 14–19). The Association for Computational Linguistics.

Byron, D. (2004). Resolving pronominal reference to abstract entities [Unpublished doctoral dissertation]. (Technical Report 815). University of Rochester.

Cacciari, C., & Tabossi, P. (Eds). (1993). *Idioms: Processing, structure and interpretation*. Erlbaum.

Callison-Burch, C., Osborne, M., & Koehn, P. (2006). Re-evaluating the role of BLEU in machine translation research. *Proceedings of the 11th Conference of the European Chapter of the Association for Computational Linguistics* (pp. 249–256). The Association for Computational Linguistics.

Cantrell, R., Schermerhorn, P., & Scheutz, M. (2011). Learning actions from human-robot dialogues. *Proceedings of the 2011 IEEE Symposium on Robot and Human Interactive Communication* (pp. 125–130). IEEE.

Carbonell, J. G., & Brown, R. D. (1988). Anaphora resolution: A multi-strategy approach. *Proceedings of the Twelfth International Conference on Computational Linguistics* (pp. 96–101). The Association for Computational Linguistics.

Carbonell, J. G., & Hayes, P. J. (1983). Recovery strategies for parsing extragrammatical language. *American Journal of Computational Linguistics*, *9*(3–4), 123–146.

Carlson, L., Marcu, D., & Okurowski, M. E. (2003). Building a discourse-tagged corpus in the framework of Rhetorical Structure Theory. In J. van Kuppevelt & R. W. Smith (Eds.), *Current and new directions in discourse and dialogue* (pp. 85–112). Kluwer.

Carruthers, P. (2009). How we know our own minds: The relationship between mindreading and metacognition. *Behavioral and Brain Sciences 32*(2), 121–138.

Cartwright, N. (1983). *How the Laws of Physics Lie*. Oxford University Press.

Chambers, C. G., Tanenhaus, M. K., Eberhard, K. M., Filip, H., & Carlson, G. N. (2002). Circumscribing referential domains during real-time language comprehension. *Journal of Memory & Language*, *47*, 30–49.

Chambers, C. G., Tanenhaus, M. K., & Magnuson, J. S. (2004). Actions and affordances in syntactic ambiguity resolution. *Journal of Experimental Psychology*, *30*(3), 687–696.

Charniak, E. (1972). Toward a model of children's story comprehension. [Unpublished doctoral dissertation]. Massachusetts Institute of Technology.

Chinchor, N. (1997). MUC-7 named entity recognition task definition (Version 3.5, September 17). *Proceedings of the Seventh Message Understanding Conference*. http://www-nlpir.nist.gov/related_projects/muc/proceedings/ne_task.html

Chomsky, N. (1957). *Syntactic structures*. Mouton.

Chomsky, N. (1995). *The minimalist program*. MIT Press.

Church, K. (2011). A pendulum swung too far. *Linguistic Issues in Language Technology*, *6*, 1–27.

Church, K., & Hovy, E. (1993). Good applications for crummy machine translation. *Machine Translation*, *8*, 239–258.

Cimiano, P., Unger, C., & McCrae, J. (2014). *Ontology-based interpretation of natural language*. Morgan & Claypool.

Cinková, S. (2009). Semantic representation of non-sentential utterances in dialog. *Proceedings of the EACL 2009 Workshop on Semantic Representation of Spoken Language* (pp. 26–33). The Association for Computational Linguistics.

Clark, A., Fox, C., & Lappin, S. (Eds.). (2010). *The handbook of computational linguistics and natural language processing*. Wiley-Blackwell.

Clark, H. H., & Schaefer, E. F. (1989). Contributing to discourse. *Cognitive Science*, *13*, 259–294.

Clark, H. H. & Wilkes-Gibbs, D. (1986). Referring as a collaborative process. *Cognition*, *22*, 1–39.

Clark, P., Murray, W. R., Harrison, P., & Thompson, J. (2009). Naturalness vs. predictability: A key debate in controlled languages. *Proceedings of the 2009 Conference on Controlled Natural Language* (pp. 65–81). Springer.

Clark, S. (2015). Vector space models of lexical meaning. In S. Lappin & C. Fox (Eds.), *The handbook of contemporary semantic theory* (2nd ed., pp. 493–522). Wiley.

Clegg, A., & Shepherd, A. (2007). Benchmarking natural-language parsers for biological applications using dependency graphs. *BMC Bioinformatics*, *8*(24). https://doi.org/10.1186/1471-2105-8-24

Cohen, K. B., Palmer, M., & Hunter, L. (2008). Nominalization and alternations in biomedical language. *PLOS ONE*, *3*(9), e3158.

Cohen, P., Chaudhri, V., Pease, A., & Schrag, R. (1999). Does prior knowledge facilitate the development of knowledge-based systems? *Proceedings of the 16th National Conference on Artificial Intelligence* (pp. 221–226). American Association for Artificial Intelligence.

Cohen, P. R., & Levesque, H. J. (1990). Rational interaction as the basis for communication. In P. R. Cohen, J. Morgan, & M. Pollack (Eds.), *Intentions in communication* (pp. 221–256). Morgan Kaufmann.

Cohn-Gordon, R., Goodman, N., & Potts, C. (2019). An incremental iterated response model of pragmatics. *Proceedings of the Society for Computation in Linguistics* (Vol. 2, Article 10). https://doi.org/10.7275/cprc-8x17 dissertation

Comrie, B., & Smith, N. (1977). Lingua descriptive questionnaire. *Lingua*, *42*, 1–72.

Cooke, N. J. (n.d.). Knowledge elicitation. Cognitive Engineering Research Institute. http://www.cerici.org/documents/Publications/Durso%20chapter%20on%20KE.pdf

Copestake, A., Flickinger, D., Sag, I., & Pollard, C. (2005). Minimal recursion semantics: An introduction. *Journal of Research on Language & Computation*, *3*(2–3), 281–332.

Coradeschi, S., & Saffiotti, A. (Eds.) (2003). Perceptual anchoring: Anchoring symbols to sensor data in single and multiple robot systems [Special issue]. *Robotics & Autonomous Systems*, *43*(2–3), 83–200.

Core, M., & Allen, J. (1997). Coding dialogs with the DAMSL annotation scheme. *Working Notes of the AAAI Fall Symposium on Communicative Action in Humans and Machines* (pp. 28–35). The AAAI Press.

Crible, L., Abuczki, Á., Burkšaitienė, N., Furkó, P., Nedoluzhko, A., Rackevičienėm, S., Oleškevičienė, G. V., & Zikánová, Š. (2019). Functions and translations of discourse markers in TED Talks: A parallel corpus study of underspecification in five languages. *Journal of Pragmatics*, *142*, 139–155.

Crocker, M. W. (1996). *Computational psycholinguistics: an interdisciplinary approach to the study of language*. Springer.

Davies, M. (2008–). The Corpus of Contemporary American English (COCA): One billion words, 1990–2019. https://www.english-corpora.org/coca/

Davis, E., & Marcus, G. (2015). Commonsense reasoning and commonsense knowledge in artificial intelligence. *Communications of the ACM*, *58*(9), 92–103.

de Marneffe, M., MacCartney, B., & Manning, C. D. (2006). Generating typed dependency parses from phrase structure parses. *Proceedings of the 5th International Conference on Language Resources and Evaluation* (pp. 449–454). European Language Resources Association.

de Marneffe, M., & Potts, C. (2017). Developing linguistic theories using annotated corpora. In N. Ide & J. Pustejovsky (Eds.), *The handbook of linguistic annotation* (pp. 411–438). Springer.

Demberg, V., Keller, F., & Koller, A. (2013). Incremental, predictive parsing with psycholinguistically motivated tree-adjoining grammar. *Computational Linguistics*, *39*(4), 1025–1066.

Denber, M. (1998, June 30). *Automatic resolution of anaphora in English* (Technical Report). Imaging Science Division, Eastman Kodak Co. https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.33.904&rep=rep1&type=pdf

DeVault, D., Sagae, K., & Traum, D. (2009). Can I finish? Learning when to respond to incremental interpretation results in interactive dialogue. In P. Healey, R. Pieraccini, D. Byron, S. Young, & M. Purver (Eds.), *Proceedings of the 10th Annual Meeting of the Special Interest Group on Discourse and Dialogue, SIGDIAL 2009* (pp. 11–20). The Association for Computational Linguistics.

DeVault, D., Sagae, K., & Traum, D. (2011). Detecting the status of a predictive incremental speech understanding model for real-time decision-making in a spoken dialogue system. *Proceedings of the 12th Annual Conference of the International Speech Communication Association, INTERSPEECH 2011* (pp. 1028–1031). International Speech Communication Association.

Dijkstra, T. (1996). *Computational psycholinguistics: AI and connectionist models of human language processing*. Taylor & Francis.

DiMarco, C., Hirst, G., & Stede, M. (1993). The semantic and stylistic differentiation of synonyms and near-synonyms. *Papers from the AAAI Spring Symposium on Building Lexicons for Machine Translation* (pp. 114–121). (Technical Report SS-93-02). The AAAI Press.

Doddington, G., Mitchell, A., Przybocki, M., Ramshaw, L., Strassel, S., & Weischedel, R. (2004). The automatic content extraction (ACE) program—tasks, data and evaluation. In M. T. Lino, M. F. Xavier, F. Ferreira, R. Costa, & R. Silva (Eds.), *Proceedings of the Fourth International Conference on Language Resources and Evaluation* (pp. 837–840). European Language Resources Association.

Dorr, B. J., Passonneau, R. J., Farwell, D., Green, R., Habash, N., Helmreich, S., Hovy, E., Levin, L., Miller, K. J., Mitamura, T., Rambow, O., & Siddharthan, A. (2010). Interlingual annotation of parallel text corpora: A new framework for annotation and evaluation. *Natural Language Engineering*, *16*(3), 197–243.

Downing, P. (1977). On the creation and use of English compound nouns. *Language*, *53*(4), 810–842.

DuBois, J. W., Chafe, W. L., Meyer, C., Thompson S. A., Englebretson, R., & Martey, N. (2000–2005). *Santa Barbara Corpus of Spoken American English* (parts 1–4). Linguistic Data Consortium.

Eco, U. (1979). *The role of the reader: Explorations in the semiotics of texts*. Indiana University Press.

Elsner, M., & Charniak, E. (2010). The same-head heuristic for coreference. *Proceedings of the 48th Annual Meeting of the Association for Computational Linguistics* (pp. 33–37). The Association for Computational Linguistics.

English, J., & Nirenburg, S. (2007). Ontology learning from text using automatic ontological-semantic text annotation and the Web as the corpus. *Papers from the AAAI 2007 Spring Symposium on Machine Reading* (pp. 43–48). (Technical Report SS-07-06). The AAAI Press.

English, J., & Nirenburg, S. (2010). Striking a balance: Human and computer contributions to learning through semantic analysis. *Proceedings of the IEEE Fourth International Conference on Semantic Computing* (pp. 16–23). IEEE.

Erol, K., Hendler, J., & Nau, D. S. (1994). HTN planning: Complexity and expressivity. *Proceedings of the Twelfth National Conference on Artificial Intelligence* (pp. 1123–1128). The AAAI Press.

Evans, R. (2001). Applying machine learning toward an automatic classification of *it*. *Literary & Linguistic Computing*, *16*(1), 45–57.

Evens, M., & Michael, J. (2006). *One-on-one tutoring by humans and computers*. Erlbaum.

Evsyutina, Y. V., Trukhmanov, A. S., & Ivashkin, V. T. (2014). Family case of achalasia cardia: Case report and review of literature. *World Journal of Gastroenterology*, *20*(4), 1114–1118.

Fass, D. (1997). *Processing metonymy and metaphor*. Ablex.

Feldman, J. (2006). *From molecule to metaphor: A neural theory of language*. MIT Press.

Feldman, J., Dodge, E., & Bryant, J. (2009). A neural theory of language and embodied construction grammar. In B. Heine & H. Narrog (Eds.), *The Oxford handbook of linguistic analysis* (pp. 111–138). Oxford University Press.

Feldman, J. & Narayanan, S. (2004). Embodied meaning in a neural theory of language. *Brain & Language*, *89*, 385–392.

Ferguson, G., & Allen, J. (1998). TRIPS: An integrated intelligent problem-solving assistant. *Proceedings of the Fifteenth National Conference on Artificial Intelligence* (pp. 567–573). The AAAI Press.

Fernández, R., Ginzburg, J., & Lappin, S. 2007. Classifying non-sentential utterances in dialogue: A machine learning approach. *Computational Linguistics*, *33*(3), 397–427.

Fiengo, R., & May, R. 1994. *Indices and identity*. MIT Press.

Fillmore, C. J. (1985). Frames and the semantics of understanding. *Quaderni di Semantica*, *6(*2), 222–254.

Fillmore, C. J., & Baker, C. F. (2009). A frames approach to semantic analysis. In B. Heine & H. Narrog (Eds.), *The Oxford handbook of linguistic analysis* (pp. 313–340). Oxford University Press.

Finin, T. (1980). The semantic interpretation of compound nominals [Unpublished doctoral dissertation]. University of Illinois.

Finlayson, M. A. (2016). Inferring Propp's functions from semantically-annotated text. *Journal of American Folklore*, *129*, 55–77.

Firth, J. R. (1957). A synopsis of linguistic theory, 1930–1955. In J. R. Firth (Ed)., *Studies in linguistic analysis* (pp. 1–32). Blackwell. (Reprinted in *Selected papers of J. R. Firth 1952–1959*, by F. R. Palmer, Ed., 1968, Longman).

Forbus, K. D., Riesbeck, C., Birnbaum, L., Livingston, K., Sharma, A., & Ureel, L. (2007). Integrating natural language, knowledge representation and reasoning, and analogical processing to learn by reading. *Proceedings of the Twenty-Second AAAI Conference on Artificial Intelligence* (pp. 1542–1547). The AAAI Press.

Forbus, K. D. (2018). *Qualitative representations*. MIT Press.

Ford, D. N., & Sterman, J. D. (1998). Expert knowledge elicitation to improve formal and mental *models*. *System Dynamics Review*, *14*, 309–340.

Frigg, R., & Hartman, S. (2020). Models in Science. In E. N. Zalta (Ed.), *The Stanford Encyclopedia of Philosophy* (Spring 2020 Edition). https://plato.stanford.edu/archives/spr2020/entries/models-science

Fuchs, N. E., Kaljurand, K., & Schneider, G. (2006). Attempto controlled English meets the challenges of knowledge representation, reasoning, interoperability and user interfaces. *Proceedings of the Nineteenth International Florida Artificial Intelligence Research Society Conference* (pp. 664–669). The AAAI Press.

Gagné, C. L., & Spalding, T. L. (2006). Using conceptual combination research to better understand novel compound words. *SKASE Journal of Theoretical Linguistics*, *3*, 9–16.

Gawande, A. (2009). *The checklist manifesto*. Henry Holt.

Gentner, D., & Maravilla, F. (2018). Analogical reasoning. In L. J. Ball & V. A. Thompson (Eds.), *International handbook of thinking and reasoning* (pp. 186–203). Psychology Press.

Gentner, D., & Smith, L. A. (2013). Analogical learning and reasoning. In D. Reisberg (Ed.), *The Oxford handbook of cognitive psychology* (pp. 668–681). Oxford University Press.

Gibbs, R. W., Jr. (1984). Literal meaning and psychological theory. *Cognitive Science*, *8*(3), 275–304.

Gildea, D., & Jurafsky, D. (2002). Automatic labeling of semantic roles. *Computational Linguistics*, *28*(3), 245–288.

Ginzburg, J., & Sag, I. A. (2001). *Interrogative investigations: The form, meaning, and use of English interrogatives*. Center for the Study of Language and Information.

Girju, R., Moldovan, D., Tatu, M., & Antohe, D. (2005). On the semantics of noun compounds. *Journal of Computer Speech & Language*, *19*(4), 479–496.

Glucksberg, S. (2003). The psycholinguistics of metaphor. *Trends in Cognitive Sciences*, *7*(2), 92–96.

Godfrey, J., Holliman, E., & McDaniel, J. (1992). Switchboard: Telephone speech corpus for research and development. *Proceedings of the 1992 IEEE International Conference on Acoustics, Speech and Signal Processing* (Vol. 1, pp. 517–520). IEEE.

Goldstein, A., Arzouan, Y., & Faust, M. (2012). Killing a novel metaphor and reviving a dead one: ERP correlates of metaphor conventionalization. *Brain & Language*, *123*, 137–142.

Gonzalo, J., Verdejo, F., Chugur, I., & Cigarran, J. (1998). Indexing with WordNet synsets can improve text retrieval. *Proceedings of the Workshop Usage of WordNet in Natural Language Processing Systems @ ACL/COLING* (pp. 38–44). The Association for Computational Linguistics.

Gorniak, P., & Roy, D. (2005). Probabilistic grounding of situated speech using plan recognition and reference resolution. *Proceedings of the Seventh International Conference on Multimodal Interfaces* (pp. 138–143). Association for Computing Machinery.

Goyal, K., Jauhar, S. K., Li, H., Sachan, M., Srivastava, S., & Hovy, E. (2013). A structured distributional semantic model: Integrating structure with semantics. *Proceedings of the Workshop on Continuous Vector Space Models and Their Compositionality* (pp. 20–29). The Association for Computational Linguistics.

Graff, D., & Cieri, C. (2003). *English Gigaword* (LDC2003T05). Linguistic Data Consortium. https://catalog.ldc.upenn.edu/LDC2003T05

Griffiths, T. L. (2009). Connecting human and machine learning via probabilistic models of cognition. *Proceedings of the 10th Annual Conference of the International Speech Communication Association* (pp. 9–12). ISCA.

Grishman, R., & Sundheim, B. (1996). Message Understanding Conference—6: A brief history. *Proceedings of the 16th International Conference on Computational Linguistics* (pp. 466–471). The Association for Computational Linguistics.

Grosz, B., Joshi, A. K., & Weinstein, S. (1995). Centering: A framework for modelling the local coherence of discourse. *Computational Linguistics*, *2*(21), 203–225.

Grove, W. M., & Lloyd, M. (2006). Meehl's contribution to clinical versus statistical prediction. *Journal of Abnormal Psychology*, *115*(2), 192–194.

Guarino, N. (1998). Formal ontology in information systems. In N. Guarino (Ed.), *Formal ontology in information systems* (pp. 3–15). IOS Press.

Gunzelmann, G., Gross, J. B., Gluck, K. A., & Dinges, D. F. (2009). Sleep deprivation and sustained attention performance: Integrating mathematical and cognitive modeling. *Cognitive Science*, *33*(5), 880–910.

Hahn, U., Romacker, M., & Schulz, S. (1999). How knowledge drives understanding—Matching medical ontologies with the needs of medical language processing. *Artificial Intelligence in Medicine*, *15*(1), 25–51.

Hajič, J., Hajičová, E., Mikulová, M., Mírovský, J., Panevová, J., & Zeman, D. (2015). Deletions and node reconstructions in a dependency-based multilevel annotation scheme. *Proceedings of the 16th International Conference on Computational Linguistics and Intelligent Text Processing* (pp.17–31). Springer.

Hajič, J., Hajičová, E., Mírovský, J., & Panevová, J. (2016). Linguistically annotated corpus as an invaluable resource for advancements in linguistic research: A case study. *Prague Bulletin of Mathematical Linguistics*, *#100*, 69–124.

Hardt, D. (1997). An empirical approach to VP ellipsis. *Computational Linguistics*, *23*(4), 525–541.

Harris, D. W. (in press). Semantics without semantic content. *Mind and Language.*

Hasler, L., Orasan, C., & Naumann, K. (2006). NPs for events: Experiments in coreference annotation. *Proceedings of the 5th Edition of the International Conference on Language Resources and Evaluation* (pp. 1167–1172). European Language Resources Association.

Hayes, P. J. (1979). The naive physics manifesto. In D. Michie (Ed.), *Expert systems in the micro-electronic age* (pp. 242–270). Edinburgh University Press.

Hendrickx, I., Kozareva, Z., Nakov, P., Ó Séaghdha, D., Szpakowicz, S., & Veale, T. (2013). SemEval-2013 Task 4: Free paraphrases of noun compounds. *Proceedings of the Seventh International Workshop on Semantic Evaluation* (pp. 138–143). The Association for Computational Linguistics.

Heuer, R. J., Jr. (1999). *Psychology of intelligence analysis*. Central Intelligence Agency Center for the Study of Intelligence. https://www.cia.gov/library/center-for-the-study-of-intelligence/csi-publications/books-and-monographs/psychology-of-intelligence-analysis/

Hirschman, L., & Chinchor, N. (1997). MUC-7 coreference task definition (Version 3.0). *Proceedings of the Seventh Message Understanding Conference*. The Association for Computational Linguistics.

Hirst, G. (1995). Near-synonymy and the structure of lexical knowledge. *Proceedings of the AAAI Symposium on Representation and Acquisition of Lexical Knowledge: Polysemy, Ambiguity, and Generativity* (pp. 51–56). The AAAI Press.

Hobbs, J. R. (2004). Some notes on performance evaluation for natural language systems. University of Southern California Information Sciences Institute. https://www.isi.edu/~hobbs/performance-evaluation.pdf

Hobbs, J. R. (1992). Metaphor and abduction. In A. Ortony, J. Slack, & O. Stock (Eds.), *Communication from an artificial intelligence perspective: Theoretical and applied issues* (pp. 35–58). Springer.

Hobbs, J. R. (2004). Abduction in natural language understanding. In L. Horn & G. Ward (Eds.), *Handbook of pragmatics* (pp. 724–741). Blackwell.

Hoffman, T., & Trousdale, G. (Eds.). (2013). *The Oxford handbook of construction grammar.* Oxford University Press.

Hovy, E., Mitamura, T., Verdejo, F., del Rosal, J., Araki, J., & Philpot, A. (2013). Events are not simple: Identity, non-identity, and quasi-identity. *Proceedings of the First Workshop on EVENTS: Definition, Detection, Coreference, and Representation* (pp. 21–28). The Association for Computational Linguistics.

Howard, R. A., & Matheson, J. E. (2005). Influence Diagrams. *Decision Analysis*, *2*(3), 127–143.

Hutchins, W. J. (1986). *Machine translation: Past, present, future*. Longman Higher Education.

Ibrahim, A., Katz, B., & Lin, J. (2003). Extracting structural paraphrases from aligned monolingual corpora. *Proceedings of the Second International Workshop on Paraphrasing* (pp. 57–64). The Association for Computational Linguistics.

Ide, N., & Pustejovsky, J. (Eds.) (2017). *The handbook of linguistic annotation*. Springer.

Ide, N., & Véronis, J. (1993). Extracting knowledge bases from machine-readable dictionaries: Have we wasted our time? *Proceedings of the Workshop from the 1st Conference and Workshop on Building and Sharing of Very Large-Scale Knowledge Bases* (pp. 257–266). AI Communications.

Ide, N., & Wilks, Y. (2006). Making sense about sense. In E. Agirre & P. Edmonds (Eds.), *Word sense disambiguation: Algorithms and applications* (pp. 47–73). Springer.

Inkpen, D., & Hirst, G. (2006). Building and using a lexical knowledge-base of near-synonym differences. *Computational Linguistics*, *32*(2), 223–262.

Jackendoff. R. (2002). *Foundations of language: Brain, meaning, grammar, evolution*. Oxford University Press.

Jackendoff, R. (2007). A whole lot of challenges for linguistics. *Journal of English Linguistics*, *35*, 253–262.

Jackendoff, R., & Wittenberg, E. (2014). What you can say without syntax: A hierarchy of grammatical complexity. In F. Newmeyer & L. Preston (Eds.), *Measuring grammatical complexity* (pp. 65–82). Oxford University Press.

Jackendoff, R., & Wittenberg, E. (2017). Linear grammar as a possible stepping-stone in the evolution of language. *Psychonomic Bulletin & Review*, *24*, 219–224.

Jeong, M., & Lee, G. G. (2006). Jointly predicting dialog act and named entity for spoken language understanding. *Proceedings of the IEEE Spoken Language Technology Workshop* (pp. 66–69). IEEE.

Johnson, K. (2001). What VP ellipsis can do, what it can't, but not why. In M. Baltin & C. Collins (Eds.), *The handbook of contemporary syntactic theory* (pp. 439–479). Blackwell.

Jones, R. M., Wray, R. E., III., & van Lent, M. (2012). Practical evaluation of integrated cognitive systems. *Advances in Cognitive Systems*, *1*, 83–92.

Jurafsky, D. (2003). Probabilistic modeling in psycholinguistics: Linguistic comprehension and production. In R. Bod, J. Hay, & S. Jannedy, (Eds.), *Probabilistic linguistics* (pp. 39–96). MIT Press.

Jurafsky, D., & Martin, J. H. (2009). *Speech and language processing: An introduction to natural language processing, speech recognition, and computational linguistics* (2nd ed.). Prentice-Hall.

Kahneman, D. (2011). *Thinking: Fast and slow*. Farrar, Straus and Giroux.

Kahneman, D., & Klein, G. (2009). Conditions for intuitive expertise: A failure to disagree. *American Psychologist*, *64*(6), 515–526.

Karlsson, F. (1995). Designing a parser for unrestricted text. In F. Karlsson, A. Voutilainen, J. Heikkilä, & A. Anttila (Eds.), *Constraint grammar: A language-independent framework for parsing unrestricted text* (pp. 1–40). Mouton de Gruyter.

Kempson, R., Meyer-Viol, W., & Gabbay, D. (2001) *Dynamic syntax: The flow of language understanding*. Blackwell.

Kendall, E. F., & McGuinness, D. L. (2019). *Ontology engineering*. Morgan and Claypool.

Kim, S. N., & Nakov, P. (2011). Large-scale noun compound interpretation using bootstrapping and the web as a corpus. *Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing* (pp. 648–658). The Association for Computational Linguistics.

King, G. W. (1956). Stochastic methods of mechanical translation. *Mechanical Translation*, *3*(2), 38–39.

Kingsbury, P., & Palmer, M. (2002). From Treebank to PropBank. *Proceedings of the 3rd International Conference on Language Resources and Evaluation* (pp. 1989–1993). European Language Resources Association.

Kipper, K., Korhonen, A., Ryant, N., & Palmer, M. (2006). Extending VerbNet with novel verb classes. *Proceedings of the Fifth International Conference on Language Resources and Evaluation* (pp. 1027–1032). European Language Resources Association.

Koedinger, K. R., Anderson, J. R., Hadley, W. H., & Mark, M. A. (1997). Intelligent tutoring goes to school in the big city. *International Journal of Artificial Intelligence in Education*, *8*, 30–43.

Köhn, A. (2018). Incremental natural language processing: Challenges, strategies, and evaluation. *Proceedings of the 27th International Conference on Computational Linguistics* (pp. 2990–3003). The Association for Computational Linguistics.

Korte, R. F. (2003). Biases in decision making and implications for human resource development. *Advances in Developing Human Resources*, *5*(4), 440–457.

Král, P., & Cerisara, C. (2010). Dialogue act recognition approaches. *Computing & Informatics*, *29*, 227–250.

Krippendorff, K. (2010). Krippendorff's alpha. In N. Salkind (Ed.), *Encyclopedia of research design* (pp. 669–674). SAGE.

Kruijff, G. J. M., Lison, P., Benjamin, T., Jacobsson, H., & Hawes, N. (2007). Incremental, multi-level processing for comprehending situated dialogue in human-robot interaction. *Proceedings from the Symposium Language and Robots*.

Lakoff, G. (1993). The contemporary theory of metaphor. In A. Ortony (Ed.), *Metaphor and thought* (2nd ed., pp. 202–251). Cambridge University Press.

Lakoff, G., & Johnson, M. (1980). *Metaphors we live by*. University of Chicago Press.

Langley, P., Laird, J. E., & Rogers, S. (2009). Cognitive architectures: Research issues and challenges. *Cognitive Systems Research*, *10*, 141–160.

Langley, P., Meadows, B., Gabaldon, A., & Heald, R. (2014). Abductive understanding of dialogues about joint activities. *Interaction Studies*, *15*(3), 426–454.

Langlotz, A. (2006). *Idiomatic creativity: A cognitive-linguistic model of idiom-representation and idiom-variation in English*. John Benjamins.

Lapata, M. (2002). The disambiguation of nominalizations. *Computational Linguistics*, *28*(3), 357–388.

Leafgren, J. (2002). *Degrees of explicitness: Information structuring and the packaging of Bulgarian subjects and objects*. John Benjamins.

Lee, H., Chang, A., Peirsman, Y., Chambers, N., Surdeanu, M., & Jurafsky, D. (2013). Deterministic coreference resolution based on entity-centric, precision-ranked rules. *Computational Linguistics*, *39*(4), 885–916.

Lenat, D. (1995). CYC: A large-scale investment in knowledge infrastructure. *Communications of the ACM*, *38*(11), 32–38.

Lenat, D., Miller, G., & Yokoi, T. (1995). CYC, WordNet, and EDR: Critiques and responses. *Communications of the ACM*, *38*(11), 45–48.

Lenci, A., Bel, N., Busa, F., Calzolari, N., Gola, E., Monachini, M., Ogonowski, A., Peters, I., Peters, W., Ruimy, N., Villegas, M., & Zampolli, A. (2000). SIMPLE: A general framework for the development of multilingual lexicons. *International Journal of Lexicography*, *13(4), 249–263*.

Lepore, E., & Stone, M. (2010). Against metaphorical meaning. *Topoi*, *29*(2), 165–180.

Levesque, H., Davis, E., & Morgenstern, L. (2012). The Winograd Schema Challenge. *Proceedings of the Thirteenth International Conference on Principles of Knowledge Representation and Reasoning* (pp. 552–561). The AAAI Press.

Levi, J. N. (1979). The syntax and semantics of complex nominals. *Language*, *55*(2), 396–407.

Levin, B. (1993). *English verb classes and alternations: A preliminary investigation*. University of Chicago Press.

Lewis, R. (1993). *An architecturally-based theory of human sentence comprehension* [Unpublished doctoral dissertation]. CMU-CS-93-226. Carnegie Mellon University.

Li, Y., Musilek, P., Reformat, M., & Wyard-Scott, L. (2009). Identification of pleonastic *it* using the Web. *Journal of Artificial Intelligence Research*, *34*(1), 339–389.

Lieber, R., & Štekauer, P. (2009). *The Oxford handbook of compounding*. Oxford University Press.

Lin, D. (1998). Extracting collocations from text corpora. *Proceedings of the COLING-ACL '98 Workshop on Computational Terminology* (pp. 57–63). The Association for Computational Linguistics.

Lindes, P., & Laird, J. E. (2016). Toward integrating cognitive linguistics and cognitive language processing. In D. Reitter & F. E. Ritter (Eds.), *Proceedings of the 14th International Conference on Cognitive Modeling* (pp. 86–92). Penn State.

Liu, B., Hu, M., & Cheng, J. (2005, May 10–14). Opinion observer: Analyzing and comparing opinions on the web. *WWW '05: Proceedings of the 14th International Conference on World Wide Web* (pp. 342–351). Association for Computing Machinery.

Lombrozo, T. (2006). The structure and function of explanations. *Trends in Cognitive Sciences*, *10*, 464–470.

Lombrozo, T. (2012). Explanation and abductive inference. In K. J. Holyoak & R. G. Morrison (Eds.). *Oxford handbook of thinking and reasoning* (pp. 260–276). Oxford University Press.

Lombrozo, T. (2016). Explanatory preferences shape learning and inference. *Trends in Cognitive Sciences*, *20*, 748–759.

Löwe, B., & Müller, T. (2011). Data and phenomena in conceptual modeling. *Synthese*, *182*, 131–148.

Lu, J., & Ng, V. (2016). Event coreference resolution with multi-pass sieves. *Proceedings of the 10th Language Resources and Evaluation Conference* (pp. 3996–4003). European Language Resources Association.

Lu, J., & Ng, V. (2018). Event coreference resolution: A survey of two decades of research. *Proceedings of the 27th International Joint Conference on Artificial Intelligence* (pp. 5479–5486). International Joint Conferences on Artificial Intelligence.

Lucas, P. (1996). Knowledge acquisition for decision-theoretic expert systems. *AISB Quarterly*, *94*, 23–33.

Magnolini, S. (2014). A survey on paraphrase recognition. In L. Di Caro, C. Dodaro, A. Loreggia, R. Navigli, A. Perotti, & M. Sanguinetti (Eds.), *Proceedings of the 2nd Doctoral Workshop in Artificial Intelligence (DWAI 2014), An official workshop of the 13th Symposium of the Italian Association for Artificial Intelligence "Artificial Intelligence for Society and Economy" (AI*AI 2014)* (pp. 33–41). CEUR-WS.org.

Malle, B. (2010). Intentional action in folk psychology. In T. O'Connor & C. Sandis (Eds.), *A companion to the philosophy of action* (pp. 357–365). Wiley-Blackwell.

Mani, I., Pustejovsky, J., & Gaizauskas, R. (Eds.) (2005). *The language of time: A reader*. Oxford University Press.

Manning, C. D., & Schütze, H. (1999). *Foundations of statistical natural language processing*. MIT Press.

Manning, C. D. (2004). Language learning: Beyond Thunderdome. *Proceedings of the Eighth Conference on Computational Natural Language Learning (CoNLL-2004) at HLT-NAACL 2004* (p. 138). The Association for Computational Linguistics.

Manning, C. D. (2006). Local textual inference: It's hard to circumscribe, but you know it when you see it—and NLP needs it. Unpublished manuscript. Stanford University. http://nlp.stanford.edu/~manning/papers/LocalTextualInference.pdf

Manning, C. D., Surdeanu, M., Bauer, J., Finkel, J., Bethard, S. J., & McClosky, D. (2014). The Stanford CoreNLP natural language processing toolkit. *Proceedings of the 52nd Annual Meeting of the Association for Computational Linguistics: System Demonstrations* (pp. 55–60). The Association for Computational Linguistics.

Marcu, D. (2000). The rhetorical parsing of unrestricted texts: A surface based approach. *Computational Linguistics*, *26*(3), 395–448.

Marcus, M., Santorini, B., & Marcinkiewicz, M. A. (1993). Building a large annotated corpus of English: The Penn Treebank. *Computational Linguistics*, *19*(2), 313–330.

Mascardi, V., Cordì, V., & Rosso, P. (2007). A comparison of upper ontologies. In M. Baldoni, A. Boccalatte, F. De Paoli, M. Martelli, & V. Mascardi (Eds.), *Proceedings of WOA 2007: Dagli Oggetti agli Agenti. 8th AI*IA/TABOO Joint Workshop "From Objects to Agents": Agents and Industry: Technological Applications of Software Agents* (pp. 55–64). Seneca Edizioni Torino.

McAllester, D. A., and Givan, R. (1992). Natural language syntax and first-order inference. *Artificial Intelligence*, *56*(1): 1–20.

McCulloch, W. S., & Pitts, W. H. (1943). A logical calculus of the ideas immanent in nervous activity. *Bulletin of Mathematical Biophysics*, *5*, 115–133.

McShane, M. (2000). Hierarchies of parallelism in elliptical Polish structures. *Journal of Slavic Linguistics*, *8*, 83–117.

McShane, M. (2005). *A theory of ellipsis*. Oxford University Press.

McShane, M. (2009). Reference resolution challenges for an intelligent agent: The need for knowledge. *IEEE Intelligent Systems*, *24*(4), 47–58.

McShane, M. (2015). Expectation-driven treatment of difficult referring expressions. *Proceedings of the Third Annual Conference on Advances in Cognitive Systems* (pp. 1–17). Cognitive Systems Foundation.

McShane, M. (2017a). Choices for semantic analysis in cognitive systems. *Advances in Cognitive Systems*, *5*, 25–36.

McShane, M. (2017b). Natural language understanding (NLU, not NLP) in cognitive systems. *AI Magazine*, *34*(4), 43–56.

McShane, M., & Babkin, P. (2016a). Automatically resolving difficult referring expressions. *Advances in Cognitive Systems*, *4*, 247–263.

McShane, M., & Babkin, P. (2016b). Detection and resolution of verb phrase ellipsis. *Linguistic Issues in Language Technology*, *13*(1), 1–34.

McShane, M., & Beale, S. (2020). A cognitive model of elliptical and anaphoric event coreference. Manuscript submitted for publication.

McShane, M., Beale, S., & Babkin, P. (2014). Nominal compound interpretation by intelligent agents. *Linguistic Issues in Language Technology*, *10*(1), 1–34.

McShane, M., Beale, S. & Nirenburg, S. (2019). Applying deep language understanding to open text: Lessons learned. In A. K. Goel, C. M. Seifert, & C. Freska (Eds.), *Proceedings of the 41st Annual Meeting of the Cognitive Science Society* (pp. 796–802). Cognitive Science Society.

McShane, M., Beale, S., Nirenburg, S., Jarrell, B., & Fantry, G. (2012). Inconsistency as a diagnostic tool in a society of intelligent agents. *Artificial Intelligence in Medicine*, *55*(3), 137–148.

McShane, M., Fantry, G., Beale, S., Nirenburg, S., & Jarrell, B. (2007). Disease interaction in cognitive simulations for medical training. *Proceedings of the MODSIM World Conference, Medical Track*.

McShane, M., Jarrell, B., Fantry, G., Nirenburg, S., Beale, S., & Johnson, B. (2008). Revealing the conceptual substrate of biomedical cognitive models to the wider community. In J. D. Westwood, R. S. Haluck, H. M. Hoffman, G. T. Mogel, R. Phillips, R. A. Robb, & K. G. Vosburgh (Eds.), *Medicine meets virtual reality 16: Parallel, combinatorial, convergent: NextMed by design* (pp. 281–286). IOS Press.

McShane, M., & Nirenburg, S. (2003). Parameterizing and eliciting text elements across languages. *Machine Translation*, *18*(2), 129–165.

McShane, M., & Nirenburg, S. (2012). A knowledge representation language for natural language processing, simulation and reasoning. *International Journal of Semantic Computing*, *6*(1), 3–23.

McShane, M., Nirenburg, S., & Babkin, P. (2015). Sentence trimming in service of verb phrase ellipsis resolution. In G. Airenti, B. G. Bara, & G. Sandini (Eds.), *Proceedings of the EuroAsianPacific Joint Conference on Cognitive Science (EAPCogSci 2015)* (Vol. 1419 of CEUR Workshop Proceedings, pp. 228–233). CEUR-WS.org.

McShane, M., Nirenburg, S., & Beale, S. (2004). OntoSem and SIMPLE: Two multi-lingual world views. In G. Hirst & S. Nirenburg (Eds.), *Proceedings of the Second Workshop on Text Meaning and Interpretation, held in cooperation with the 42nd Annual Meeting of the Association for Computational Linguistics* (pp. 25–32). The Association for Computational Linguistics.

McShane, M., Nirenburg, S., & Beale, S. (2005a). An NLP lexicon as a largely language independent resource. *Machine Translation*, *19*(2), 139–173.

McShane, M., Nirenburg, S., & Beale, S. (2005b). Semantics-based resolution of fragments and underspecified structures. *Traitement Automatique des Langues*, *46*(1), 163–184.

McShane, M., Nirenburg, S., & Beale, S. (2008). Ontology, lexicon and fact repository as leveraged to interpret events of change. In C. Huang, N. Calzolari, A. Gangemi, A. Lenci, A. Oltramari, & L. Prevot (Eds.), *Ontology and the lexicon: A natural language processing perspective* (pp. 98–121). Cambridge University Press.

McShane, M., Nirenburg, S., & Beale, S. (2015). The Ontological Semantic treatment of multiword expressions. *Lingvisticae Investigationes*, *38*(1): 73–110.

McShane, M., Nirenburg, S., & Beale, S. (2016). Language understanding with Ontological Semantics. *Advances in Cognitive Systems*, *4*, 35–55.

McShane, M., Nirenburg, S., Beale, S., Jarrell, B., & Fantry, G. (2007). Knowledge-based modeling and simulation of diseases with highly differentiated clinical manifestations. In R. Bellazzi, A. Abu-Hanna, & J. Hunter (Eds.), *Artificial Intelligence in Medicine: Proceedings of the 11th Conference on Artificial Intelligence in Medicine* (pp. 34–43). Springer.

McShane, M., Nirenburg, S., Beale, S., Jarrell, B., Fantry, G., & Mallott, D. (2013). Mind-, body- and emotion-reading. *Proceedings of the Annual Meeting of the International Association for Computing and Philosophy*.

McShane, M., Nirenburg, S., Beale, S., & O'Hara, T. (2005c). Semantically rich human-aided machine annotation. *Proceedings of the Workshop on Frontiers in Corpus Annotation II: Pie in the Sky, at the 43rd Annual Meeting of the Association for Computational Linguistics* (pp. 68–75). The Association for Computational Linguistics.

McShane, M., Nirenburg, S., Cowie, J., & Zacharski, R. (2002). Embedding knowledge elicitation and MT systems within a single architecture. *Machine Translation*, *17*(4), 271–305.

McShane, M., Nirenburg, S., & Jarrell, B. (2013). Modeling decision-making biases. *Biologically-Inspired Cognitive Architectures*, *3*, 39–50.

McShane, M., Nirenburg, S., Jarrell, B., & Fantry, G. (2015). Learning components of computational models from texts. In M. A. Finlayson, B. Miller, A. Lieto, & R. Ronfard (Eds.), *Proceedings of the 6th Workshop on Computational Models of Narrative* (pp. 108–123). Dagstuhl.

McWhorter, J. H. (2016). *The language hoax*. Oxford University Press.

Meehl, P. E. (1996). *Clinical vs. statistical predictions: A theoretical analysis and a review of the evidence*. Jason Aronson. (Original work published 1954)

Mikulová, M. (2011). *Významová reprezentace elipsy* [*The semantic representation of ellipsis*]. Studies in Computational and Theoretical Linguistics.

Mikulová, M. (2014). Semantic representation of ellipsis in the Prague Dependency Treebanks. *Proceedings of the Twenty-Sixth Conference on Computational Linguistics and Speech Processing* (pp. 125–138). The Association for Computational Linguistics and Chinese Language Processing.

Miller, G. A. (1995). WordNet: A lexical database for English. *Communications of the ACM*, *38*(11), 39–41.

Minsky, M. (1975). A framework for representing knowledge. In P. Winston (Ed.), *The psychology of computer vision*. McGraw-Hill.

Mitkov, R. (2001). Outstanding issues in anaphora resolution. In A. Gelbukh (Ed.), *Computational linguistics and intelligent text processing* (pp. 110–125). Springer.

Mizyed, I., Fass, S. S., & Fass, R. (2009). Review article: Gastro-oesophageal reflux disease and psychological comorbidity. *Alimentary Pharmacology & Therapeutics*, *29*, 351–358.

Moldovan, D., Badulescu, A., Tatu, M., Antohe, D., & Girju, R. (2004). Models for the semantic classification of noun phrases. In D. Moldovan & R. Girju (Eds.), *Proceedings of the Computational Lexical Semantics Workshop at HLT-NAACL 2004* (pp. 60–67). The Association for Computational Linguistics.

Monti, J., Seretan, V., Pastor, G. C., & Mitkov, R. (2018). Multiword units in machine translation and translation technology. In R. Mitkov, J. Monti, G. C. Pastor, & V. Seretan (Eds.), *Multiword units in machine translation and translation technology* (pp. 1–37). John Benjamins.

Mori, M. (2012, June 12). The uncanny valley: The original essay by Masahiro Mori (K. F. MacDorman & N. Kageki, Trans.). *IEEE Spectrum*. https://spectrum.ieee.org/automaton/robotics/humanoids/the-uncanny-valley

Navarretta, C. (2004). Resolving individual and abstract anaphora in texts and dialogues. *Proceedings of the 20th International Conference on Computational Linguistics* (pp. 233–239). The Association for Computational Linguistics.

Navigli, R. (2009). Word sense disambiguation: A survey. *ACM Computing Surveys*, *41*(2), 10:1–10:69.

Navigli, R., Velardi, P., & Faralli, S. (2011). A graph-based algorithm for inducing lexical taxonomies from scratch. In T. Walsh (Ed.), *Proceedings of the 22nd International Joint Conference on Artificial Intelligence* (pp. 1872–1877). The AAAI Press.

Newell, A. (1982). The knowledge level, *Artificial Intelligence*, *18*, 87–127.

Newmeyer, F. J., & Preston, L. B. (2014). *Measuring grammatical complexity*. Oxford University Press.

Nielsen, S. B. (2019). Making a glance an action: Doctors' quick looks at their desk-top computer screens. *Journal of Pragmatics*, *142*, 62–74.

Niles, I., & Pease, A. (2001). Toward a standard upper ontology. *Proceedings of the 2nd International Conference on Formal Ontology in Information Systems* (pp. 2–9). ACM.

Nirenburg, S. 2010. The Maryland Virtual Patient as a task-oriented conversational companion. In Y. Wilks (Ed.), *Close engagements with artificial companions*. John Benjamins.

Nirenburg, S., & McShane, M. (2009). Computational field semantics: Acquiring an Ontological Semantic lexicon for a new language. In S. Nirenburg (Ed.), *Language engineering for lesser-studied languages* (pp. 183–206). IOS Press.

Nirenburg, S., & McShane, M. (2016a). Natural language processing. In S. Chipman (Ed.), *The Oxford handbook of cognitive science* (Vol. 1). Oxford University Press.

Nirenburg, S., & McShane, M. (2016b). Slashing metaphor with Occam's razor. *Proceedings of the Fourth Annual Conference on Advances in Cognitive Systems* (pp. 1–14). Cognitive Systems Foundation.

Nirenburg, S., McShane, M., & Beale, S. (2004). The rationale for building resources expressly for NLP. In M. T. Lino, M. F. Xavier, F. Ferreira, R. Costa, & R. Silva (Eds.), *Proceedings of the Fourth International Conference on Language Resources and Evaluation* (pp. 3–6). European Language Resources Association.

Nirenburg, S., McShane, M., & Beale, S. (2008a). Resolving paraphrases to support modeling language perception in an intelligent agent. In J. Bos & R. Delmonte (Eds.), *Semantics in Text Processing: STEP 2008 Conference Proceedings* (pp. 179–192). College Publications.

Nirenburg, S., McShane, M., & Beale, S. (2008b). A simulated physiological/cognitive "double agent." In J. Beal, P. Bello, N. Cassimatis, M. Coen, & P. Winston (Eds.), *Papers from the Association for the Advancement of Artificial Intelligence Fall Symposium "Naturally Inspired Cognitive Architectures."* The AAAI Press.

Nirenburg, S., McShane, M., & Beale, S. (2010a). Aspects of metacognitive self-awareness in Maryland Virtual Patient. In R. Pirrone, R. Azevedo, & G. Biswas (Eds.), *Cognitive and Metacognitive Educational Systems*: *Papers from the Association for the Advancement of Artificial Intelligence Fall Symposium* (pp. 69–74). The AAAI Press.

Nirenburg, S., McShane, M., & Beale, S. (2010b). Hybrid methods of knowledge elicitation within a unified representational knowledge scheme. In J. Filipe & J. L. G. Dietz (Eds.), *Proceedings of the International Conference on Knowledge Engineering and Ontology Development* (pp. 177–192). SciTePress.

Nirenburg, S., McShane, M., Beale, S., Wood, P., Scassellati, B., Mangin, O, & Roncone, A. (2018). Toward human-like robot learning. *Natural Language Processing and Information Systems, Proceedings of the 23rd International Conference on Applications of Natural Language to Information Systems (NLDB 2018)* (pp. 73–82). Springer.

Nirenburg, S., Oates, T., & English, J. (2007). Learning by reading by learning to read. *Proceedings of the International Conference on Semantic Computing* (pp. 694–701). IEEE.

Nirenburg, S., & Raskin, V. (2004). *Ontological Semantics*. MIT Press.

Nirenburg, S., Somers, H., & Wilks, Y. (Eds.). (2003). *Readings in machine translation*. MIT Press.

Nirenburg, S., & Wilks, Y. (2001). What's in a symbol: Ontology and the surface of language. *Journal of Experimental & Theoretical AI*, *13*, 9–23.

Nirenburg, S., & Wood, P. (2017) Toward human-style learning in robots. *Proceedings of the AAAI Fall Symposium "Natural Communication for Human-Robot Collaboration."* The AAAI Press.

Norrthon, S. (2019). To stage an overlap—The longitudinal, collaborative and embodied process of staging eight lines in a professional theatre rehearsal process. *Journal of Pragmatics*, *142*, 171–184.

Nouri, E., Artstein, R., Leuski, A., & Traum, D. (2011). Augmenting conversational characters with generated question-answer pairs. *Proceedings of the AAAI Symposium on Question Generation* (pp. 49–52). The AAAI Press.

Noy, N. F., Fergerson, R. W., & Musen, M. A. (2000). The knowledge model of Protégé-2000: Combining interoperability and flexibility. *Proceedings of 12th European Workshop on Knowledge Acquisition, Modeling and Management* (pp. 17–32). Springer.

Nunberg, G. (1987). Poetic and prosaic metaphors. *Proceedings of the 1987 Workshop on Theoretical Issues in Natural Language Processing* (pp. 198–201). The Association for Computational Linguistics.

Nyberg, E. H., & Mitamura, T. (1996). Controlled language and knowledge-based machine translation: Principles and practice. *CLAW 96: Proceedings of the First International Workshop on Controlled Language Applications*. Centre for Computational Linguistics, Katholieke Universiteit Leuven.

Ogden, C. K. (1934). *The system of basic English.* Harcourt, Brace and Company.

O'Hara, T., & Wiebe, J. (2009). Exploiting semantic role resources for preposition disambiguation. *Computational Linguistics*, *35*(2), 151–184.

Olsson, F. (2004). *A survey of machine learning for reference resolution in textual discourse*. Swedish Institute of Computer Science. (SICS Technical Report T2004:02, ISSN 1100–3154, ISRN:SICS-T-2004/02-SE).

Onyshkevych, B. (1997). An ontological semantic framework for text analysis [Unpublished doctoral dissertation]. Carnegie Mellon University.

Palmer, M., Babko-Malaya, O., & Dang, H. T. (2004). Different sense granularities for different applications. *Proceedings of the Second Workshop on Scalable Natural Language Understanding Systems at HLT/NAACL-04*. The Association for Computational Linguistics.

Palmer, M., Gildea, D., & Kingsbury, P. (2005). The proposition bank: An annotated corpus of semantic roles. *Computational Linguistics, 31*(1), 71–105.

Panda, S. C. (2006). Medicine: Science or art? *Mens Sana Monographs*, *4*(1), 127–138.

Panton, K., Matuszek, C., Lenat, D. B., Schneider, D., Witbrock, M., Siegel, N., & Shepard, B. (2006). Common sense reasoning—from Cyc to intelligent assistant. In Y. Cai & J. Abascal (Eds.), *Ambient intelligence in everyday life* (pp. 1–31). Springer.

Papineni, K., Roukos, S., Ward, T., & Zhu, W. (2002). BLEU: A method for automatic evaluation of machine translation. *Proceedings of the 40th Annual Meeting of the Association for Computational Linguistics* (pp. 311–318). The Association for Computational Linguistics.

Paroubek, P., Chaudiron, S., & Hirschman, L. (2007). Principles of evaluation in natural language processing. *Traitement Automatique des Langues*, *48*(1), 7–31.

Pease, A., & Murray, W. (2003). An English to logic translator for ontology-based knowledge representation languages. *Proceedings of the International Conference on Natural Language Processing and Knowledge Engineering* (pp. 777–783). IEEE.

Pereira, F., Tishby, N., & Lee, L. (1993). Distributional clustering of English words. *Proceedings of the 31st Annual Meeting of the Association for Computational Linguistics* (pp. 183–190). The Association for Computational Linguistics.

Perrault, C. R. (1990). An application of default logic to speech act theory. In P. R. Cohen, J. Morgan, & M. E. Pollack (Eds.), *Intentions in communication* (pp. 161–185). MIT Press.

Piantadosi, S. T., Tily, H., & Gibson, E. (2012). The communicative function of ambiguity in language. *Cognition*, *122*, 280–291.

Poesio, M. (2004). Discourse annotation and semantic annotation in the GNOME corpus. *Proceedings of the 2004 ACL Workshop on Discourse Annotation* (pp. 72–79). The Association for Computational Linguistics.

Poesio, M., & Artstein, R. (2005). The reliability of anaphoric annotation, reconsidered: Taking ambiguity into account. *Proceedings of the Workshop on Frontiers in Corpus Annotation II: Pie in the Sky* (pp. 76–83). The Association for Computational Linguistics.

Poesio, M., Mehta, R., Maroudas, A., & Hitzeman, J. (2004). Learning to resolve bridging references. *Proceedings of the 42nd Annual Meeting on Association for Computational Linguistics* (pp. 143–150). The Association for Computational Linguistics.

Poesio, M., Stevenson, R., di Eugenio, B., & Hitzeman, J. (2004). Centering: A parametric theory and its instantiations. *Computational Linguistics*, *30*(3), 309–363.

Poesio, M., Stuckardt, R., Versley, Y. (Eds.) (2016). *Anaphora resolution: Algorithms, resources, and applications*. Springer.

Pulman, S. (1996). Controlled language for knowledge representation. *CLAW 96: Proceedings of the First International Workshop on Controlled Language Applications* (pp. 233–242). Centre for Computational Linguistics, Katholieke Universiteit Leuven.

Purver, M., Eshghi, A., & Hough, J. (2011). Incremental semantic construction in a dialogue system. In J. Bos & S. Pulman (Eds.), *Proceedings of the 9th International Conference on Computational Semantics* (pp. 365–369). The Association for Computational Linguistics.

Pustejovsky, J. (1995). *The generative lexicon*. MIT Press.

Pustejovsky, J., & Batiukova, O. (2019). *The lexicon*. Cambridge University Press.

Pustejovsky, J., Knippen, R., Littman, J., & Saurí, R. (2005). Temporal and event information in natural language text. *Language Resources and Evaluation*, *39*(2–3), 123–164.

Pustejovsky, J., Krishnaswamy, N., Draper, B., Narayana, P., & Bangar, R. (2017). Creating common ground through multimodal simulations. In N. Asher, J. Hunter, & A. Lascarides (Eds.), *Proceedings of the IWCS Workshop on Foundations of Situated and Multimodal Communication*. The Association for Computational Linguistics.

Raskin, V., & Nirenburg, S. (1998). An applied ontological semantic microtheory of adjective meaning for natural language processing. *Machine Translation*, *13*(2–3), 135–227.

Ratinov, L., & Roth, D. (2012). Learning-based multi-sieve co-reference resolution with knowledge. In J. Tsujii, J. Henderson, & M. Paşca (Eds.), *Proceedings of the 2012 Joint Conference on Empirical Methods in Natural Language Processing and Computational Natural Language Learning* (pp. 1234–1244). The Association for Computational Linguistics.

Recasens, M., Martí, M. A., & Orasan, C. (2012). Annotating near-identity from coreference disagreements. In N. Calzolari, K. Choukri, T. Declerck, M. Uğur Doğan, B. Maegaard, J. Mariani, A. Moreno, J. Odijk, S. Piperidis (Eds.), *Proceedings of the Eighth International Conference on Language Resources and Evaluation* (pp. 165–172). European Language Resources Association.

Reiter, E. (2010). Natural language generation. In A. Clark, C. Fox, & S. Lappin (Eds.), *Handbook of computational linguistics and natural language processing* (pp. 574–598). Wiley Blackwell.

Resnik, P., & Lin, J. (2010). Evaluation of NLP systems. In A. Clark, C. Fox, & S. Lappin (Eds.), *Handbook of computational linguistics and natural language processing* (pp. 271–296). Wiley Blackwell.

Roncone, A., Mangin, O., & Scassellati, B. (2017). Transparent role assignment and task allocation in human robot collaboration. *Proceedings of the IEEE International Conference on Robotics and Automation* (pp. 1014–1021). IEEE.

Rosario, B., & Hearst, M. (2001). Classifying the semantic relations in noun compounds via a domain-specific lexical hierarchy. In L. Lee & D. Harman (Eds.), *Proceedings of Empirical Methods in Natural Language Processing* (pp. 82–90). The Association for Computational Linguistics.

Rosenbloom, P. S., Newell, A., & Laird, J. E. (1991). Toward the knowledge level in Soar: The role of the architecture in the use of knowledge. In K. VanLehn (Ed.), *Architectures for Intelligence: The 22nd Carnegie Mellon Symposium on Cognition*. Erlbaum.

Roy, D. (2005). Grounding words in perception and action: Computational insights. *TRENDS in Cognitive Sciences*, *9*(8), 389–396.

Roy, D. K., & Reiter, E. (Eds.) (2005). Connecting language to the world. *Artificial Intelligence*, *167*(1–2).

Sampson, G. (2003). Thoughts on two decades of drawing trees. In A. Abeillé (Ed.), *Treebanks: Building and using parsed corpora* (pp. 23–41). Kluwer.

Schank, R. (1972). Conceptual dependency: A theory of natural language understanding. *Cognitive Psychology*, *3*, 532–631.

Schank, R., & Abelson, R. P. (1977). *Scripts, plans, goals and understanding: An inquiry into human knowledge structures*. Erlbaum.

Scheutz, M., Eberhard, K., & Andronache, V. (2004). A real-time robotic model of human reference resolution using visual constraints. *Connection Science Journal*, *16*(3), 145–167.

Scheutz, M., Harris, J., & Schmemerhorn, P. (2013). Systematic integration of cognitive and robotic architectures. *Advances in Cognitive Systems*, *2*, 277–296.

Scheutz, M., Krause, E., Oosterveld, B., Frasca, T., & Platt, R. (2017). Spoken instruction-based one-shot object and action learning in a cognitive robotic architecture. In S. Das, E. Durfee, K. Larson, W. Winikoff (Eds.), *Proceedings of the Sixteenth International Conference on Autonomous Agents and Multiagent Systems* (pp. 1378–1386). International Foundation for Autonomous Agents and Multiagent Systems.

Schlangen, D., & Lascarides, A. (2003). The interpretation of non-sentential utterances in dialogue. *Proceedings of the 4th SIGdial Workshop on Discourse and Dialogue* (pp. 62–71). The Association for Computational Linguistics.

Sedivy, J. C. (2007). Implicature during real time conversation: A view from language processing research. *Philosophy Compass*, *2*(3), 475–496.

Shadbolt, N., & Burton, M. (1995). Knowledge elicitation: A systematic approach. In E. N. Corlett & J. R. Wilson (Eds.), *Evaluation of human work: A practical ergonomics methodology* (pp. 406–440). CRC Press.

Shannon, C. E., & Weaver, W. (1964). *The mathematical theory of communication*. University of Illinois Press. (Original work published 1949)

Shapiro, S. C., & Ismail, H. O. (2003). Anchoring in a grounded layered architecture with integrated reasoning. *Robotics & Autonomous Systems*, *43*(2–3), 97–108.

Shi, C., Verhagen, M., & Pustejovsky, J. (2014). A conceptual framework of online natural language processing pipeline application. *Proceedings of the Workshop on Open Infrastructures and Analysis Frameworks for HLT* (pp. 53–59). The Association for Computational Linguistics and Dublin City University.

Shirky, C. (2003). The Semantic Web, syllogism, and worldview. (First published November 7, 2003, on the "Networks, Economics, and Culture" mailing list.) https://www.gwern.net/docs/ai/2003-11-07-clayshirky-thesemanticwebsyllogismandworldview.html

Shutova. E. (2015). Design and evaluation of metaphor processing systems. *Computational Linguistics*, *40*, 579–623.

Sidner, C. L. (1981). Focusing for interpretation of pronouns. *Journal of Computational Linguistics*, *7*, 217–231.

Simon, H. (1957). *Models of man, social and rational: Mathematical essays on rational human behavior in a social setting*. Wiley.

Skulsky, H. (1986). Metaphorese. *Noûs*, *20*(3), 351–369.

Sowa, J. F. (2004, February 24). Common logic controlled English. http://www.jfsowa.com/clce/specs.htm

Sparck Jones, K. (2004). What's new about the Semantic Web? Some questions. *ACM SIGIR Form*, *38*(2), 18–23.

Stead, W. W., & Lin, H. S. (Eds.). 2009. *Computational technology for effective health care: Immediate steps and strategic directions*. National Research Council; National Academies Press.

Steels, L. (2008). The symbol grounding problem has been solved, so what's next? In M. De Vega, G. Glennberg, & G. Graesser (Eds.), *Symbols, embodiment and meaning* (pp. 223–244). Academic Press.

Steen, G. (2011). From three dimensions to five steps: The value of deliberate metaphor. *Metaphorik.de*, *21*, 83–110.

Steen, G. (2017). Deliberate metaphor theory: Basic assumptions, main tenets, urgent issues. *Intercultural Communication*, *14*(1), 1–24.

Stich, S., & Nichols, S. (2003). Folk psychology. In S. Stitch & T. A. Warfield (Eds.), *The Blackwell Guide to Philosophy of Mind* (pp. 235–255). Basil Blackwell.

Stipp, D. (1995, November 13). 2001 is just around the corner. Where's Hal? *Fortune*.

Stock, O., Slack, J., & Ortony, A. (1993). Building castles in the air: Some computational and theoretical issues in idiom comprehension. In C. Cacciari & P. Tabossi (Eds.), *Idioms: Processing, structure and interpretation* (pp. 229–248). Erlbaum.

Stolcke, A., Ries, K., Coccaro, N., Shriberg, E., Bates, R., Jurafsky, D., Taylor, P., Martin, R., Meteer, M., & Van Ess-Dykema, C. (2000). Dialogue act modeling for automatic tagging and recognition of conversational speech. *Computational Linguistics*, *26*(3), 339–371.

Stork, D. G. (1997). Scientist on the set. An interview with Marvin Minsky. In D. G. Stork (Ed.), *HAL's legacy: 2001's computer as dream and reality*. MIT Press.

Stork, D. G. (2000). *HAL's legacy: 2001's computer as dream and reality*. MIT Press.

Stoyanov, V., Gilbert, N., Cardie, C., & Riloff, E. (2009). Conundrums in noun phrase coreference resolution: Making sense of the state-of-the-art. In K. Su, J. Su, J. Wiebe, & H. Li (Eds.), *Proceedings of the Joint Conference of the 47th Annual Meeting of the Association for Computational Linguistics and the 4th International Joint Conference on Natural Language Processing of the Asian Federation of Natural Language Processing* (pp. 656–664). The Association for Computational Linguistics.

Strube, M. (1998). Never look back: An alternative to centering. *Proceedings of the 36th Annual Meeting of the Association for Computational Linguistics and the 17th International Conference on Computational Linguistics* (Vol. 2, pp. 1251–1257). The Association for Computational Linguistics.

Suhr, A., Lewis, M., Yeh, J., & Artzi, Y. (2017). A corpus of natural language for visual reasoning. *Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics* (Vol. 2, pp. 217–223). The Association for Computational Linguistics.

Sukkarieh, J. Z. (2003). Mind your language! Controlled language for inference purposes. *Proceedings of the Joint Conference Combining the 8th International Workshop of the European Association for Machine Translation and the 4th Controlled Language Applications Workshop*. The European Association for Machine Translation.

Taylor, A., Marcus, M., & Santorini, B. (2003). The Penn Treebank: An overview. In A. Abeillé (Ed.), *Treebanks: Building and using parsed corpora* (pp. 5–22). Kluwer.

ter Stal, W. G., & van der Vet, P. E. (1993). Two-level semantic analysis of compounds: A case study in linguistic engineering. In G. Bouma (Ed.), *Papers from the 4th Meeting on Computational Linguistics in the Netherlands (CLIN 1993)* (pp. 163–178). Rijksuniversiteit Groningen.

Tratz, S., & Hovy, E. (2010). A taxonomy, dataset, and classifier for automatic noun compound interpretation. *Proceedings of the 48th Annual Meeting of the Association for Computational Linguistics* (pp. 678–687). The Association for Computational Linguistics.

Traum, D. R. (1994). A computational theory of grounding in natural language conversation [Unpublished doctoral dissertation]. TR 545. University of Rochester.

Traum, D. R. (1999a). Computational models of grounding in collaborative systems. *Working Notes of AAAI Fall Symposium on Psychological Models of Communication* (pp. 124–131). The AAAI Press.

Traum, D. R. (1999b). Speech acts for dialogue agents. In M. Wooldridge & A. Rao (Eds.), *Foundations and theories of rational agents* (pp. 169–201). Kluwer.

Traum, D. R. (2000). 20 questions for dialogue act taxonomies. *Journal of Semantics*, *17*(1), 7–30.

Tulving, E., & Schacter, D. L. (1990). Priming and human memory systems. *Science*, *247*, 301–306.

Turney, P. D., & Pantel, P. (2010). From frequency to meaning: Vector space models of semantics. *Journal of Artificial Intelligence Research*, *37*, 141–188.

Ungerer, F., & Schmid, H. (2006) *An introduction to cognitive linguistics*. Routledge.

Uschold, M. (2003). Where are the semantics in the Semantic Web? *AI Magazine*, *24*(3), 25–36.

Veale, T. (2012). *Exploding the creativity myth: The computational foundations of linguistic creativity*. Bloomsbury Academic.

Vieira, R., & Poesio, M. (2000). An empirically-based system for processing definite descriptions. *Computational Linguistics*, *26*(4), 525–579.

Wahlster, W. (2000). Mobile speech-to-speech translation of spontaneous dialogs: An overview of the final Verbmobil system. In W. Wahlster (Ed.), *Verbmobil: Foundations of speech-to-speech translation* (pp. 3–21). Springer.

Weaver, W. (1955). Translation. In W. N. Locke & A. D. Booth (Eds.), *Machine translation of languages: Fourteen essays* (pp. 15–23). MIT Press. (Original memorandum composed 1949).

Webber, B. L. (1988). Discourse deixis: Reference to discourse segments. *Proceedings of the Twenty-Sixth Annual Meeting of the Association for Computational Linguistics* (pp. 113–122). The Association for Computational Linguistics.

Webber, B. L. (1990). *Structure and ostension in the interpretation of discourse deixis* (Technical Report MS-CIS-90–58). University of Pennsylvania.

Wiebe, J., Wilson, T., & Cardie, C. (2005). Annotating expressions of opinions and emotions in language. *Language Resources & Evaluations*, *39*(2–3), 165–210.

Wilks, Y. (2000). Is word sense disambiguation just one more NLP task? *Computers & the Humanities*, *34*, 235–243.

Wilks, Y. (2004). Artificial companions. *Proceedings of the First International Conference on Machine Learning for Multimodal Interaction* (pp. 36–45). Springer.

Wilks, Y. (2011). Computational semantics requires computation. In C. Boonthum-Denecke, P. M. McCarthy, & T. Lamkin (Eds.), *Cross-disciplinary advances in applied natural language processing: Issues and approaches* (pp. 1–8). IGI Global.

Wilks, Y. (2009). Ontotherapy, or how to stop worrying about what there is. In N. Nicolov, G. Angelova, & R. Mitkov (Eds.), *Recent Advances in Natural Language Processing V: Selected papers from RANLP 2007* (pp. 1–20). John Benjamins.

Wilks, Y., Catizone, R., Worgan, S., Dingli, A., Moore, R., Field, D., & Cheng, W. (2011). A prototype for a conversational companion for reminiscing about images. *Computer Speech & Language*, *25*(2), 140–157.

Wilks, Y. (1975). Preference semantics. In E. L. Keenan (Ed.), *Formal semantics of natural language: Papers from a colloquium sponsored by the King's College Research Centre* (pp. 321–348). Cambridge University Press.

Wilks, Y. A., Slator, B. M., & Guthrie, L. M. (1996). *Electric words: Dictionaries, computers, and meanings*. MIT Press.

Winograd, T. (1972). *Understanding natural language*. Academic Press.

Winston, P. H. (2012). The right way. *Advances in Cognitive Systems*, *1*, 23–36.

Winther, R. G. (2016). The Structure of Scientific Theories. In E. N. Zalta (Ed.), *The Stanford Encyclopedia of Philosophy* (Winter 2016 Edition). https://plato.stanford.edu/archives/win2016/entries/structure-scientific-theories

Wittgenstein, L. (1953). *Philosophical Investigations*. Oxford, UK: Blackwell.

Wong, W., Liu, W., & Bennamoun, M. (2012). Ontology learning from text: A look back and into the future. *ACM Computing Surveys*, *44*(4), 20:1–20:36.

Woods, W. A. (1975). What's in a link: Foundations for semantic networks. In D. G. Bobrow & A. M. Collins (Eds.), *Representation and understanding: Studies in cognitive science* (pp. 35–82). Academic Press.

Woodward, J. (2019). Scientific explanation. In E. N. Zalta (Ed.), *The Stanford encyclopedia of philosophy* (Winter 2019 ed.). https://plato.stanford.edu/archives/win2019/entries/scientific-explanation

Yuret, D. (1996, February 13). *The binding roots of symbolic AI: A brief review of the Cyc project*. MIT Artificial Intelligence Laboratory.

Zaenen, A. (2006). Mark-up barking up the wrong tree. *Computational Linguistics*, *32*, 577–580.

Zaenen, A., Karttunen, L., & Crouch, R. S. (2005). Local textual inference: Can it be defined or circumscribed? *Proceedings of the ACL 2005 Workshop on Empirical Modeling of Semantic Equivalence and Entailment* (pp. 31–36). The Association for Computational Linguistics.

Zhu, Z., & Hu, H. (2018). Robot learning from demonstration in robotic assembly: A survey. *Robotics*, *7*(2), 17. https://doi.org/10.3390/robotics7020017

Zipf, G. K. (1949). *Human behavior and the principle of least effort*. Addison-Wesley.

Zlatev, J. (2010). Phenomenology and cognitive linguistics. In S. Gallagher & D. Schmicking (Eds.), *Handbook of phenomenology and cognitive science* (pp. 415–446). Springer.