

## LT2213: Computational Semantics (CS) Reading list

Simon Dobnik  
Centre for Linguistic Theory and Studies in Probability (CLASP)  
University of Gothenburg  
[simon.dobnik@gu.se](mailto:simon.dobnik@gu.se)

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- Lawrence W. Barsalou. 2008. Grounded cognition. *Annual Review of Psychology*, 59:617–645.
- Steven Bird, Ewan Klein, and Edward Loper. 2009. *Natural language processing with Python*. O'Reilly.
- Patrick Blackburn and Johan Bos. 2005. *Representation and inference for natural language. A first course in computational semantics*. CSLI Publications.
- Donald Davidson. 1980. The logical form of action sentences. In *Essays on actions and events*, pages 105–123. Oxford: Clarendon Press.
- J. van Eijck and Christina Unger. 2010. *Computational semantics with functional programming*. Cambridge University Press, Cambridge.
- John R. Firth. 1957. A synopsis of linguistic theory 1930–1955. *Studies in linguistic analysis*, pages 1–32.
- Stevan Harnad. 1990. The symbol grounding problem. *Physica D*, 42(1–3):335–346.
- Zellig S. Harris. 1954. Distributional structure. *Word*, 10(2-3):146–162.
- Dan Jurafsky and James H. Martin. 2000. *Speech and language processing: an introduction to natural language processing, computational linguistics, and speech recognition*. Prentice Hall, Upper Saddle River, N.J.
- Shalom Lappin and Chris Fox, editors. 2015. *The Handbook of Contemporary Semantic Theory*, 2nd edition. Wiley-Blackwell.
- Christopher D. Manning. 2005. An introduction to formal computational semantics. Lecture notes for CS224N/Ling 280.
- Richard Montague. 1974. *Formal Philosophy: Selected Papers of Richard Montague*. Yale University Press, New Haven. Ed. and with an introduction by Richmond H. Thomason.
- Stephen G. Pulman. 2005. Higher order logic in semantics. lecture notes, Department of Computer Science, University of Oxford, Oxford, United Kingdom.
- Deb Roy. 2005. Semiotic schemas: a framework for grounding language in action and perception. *Artificial Intelligence*, 167(1-2):170–205.

Matthew Stone. 2016. Semantics and computation. In Maria Aloni and Paul Dekker, editors, *The Cambridge Handbook of Formal Semantics*, Cambridge Handbooks in Language and Linguistics, chapter 25, pages 775–800. Cambridge University Press, Cambridge, UK.

Peter D Turney, Patrick Pantel, et al. 2010. From frequency to meaning: Vector space models of semantics. *Journal of artificial intelligence research*, 37(1):141–188.