LINGUISTICS 218: MATH LING II
Montague Grammar and Dynamic Semantics
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deets: MW 12-2, Bunche 1265

course description:
We review several related logical systems: Montague Grammar and Intensional Semantics; Heim's (1982)
File-Change Semantics; Kamp's Discourse Representation Theory (DRT); Musken's Compositional
Discourse Representation Theory (CDRT); Groenendijk & Stokhof's Dynamic Predicate Logic (DPL); and
van den Berg's Dynamic Predicate Logic for Plurals (DPLP).

prerequisites: Semantics 1 (200C) and Math Ling 1 (208)

grading structure:
   in-class presentation (10% of your grade);
   homework (40% of your grade);
   a final paper (10 pages or so; 50% of your grade)

schedule:

week	date	topic	readings	due
1	Jan. 5	introduction	Montague (1973)	
	Jan. 7	Montague Grammar 1	Gamut (1991) §6.1–6.3.5	
2	Jan. 12	Montague Grammar 2	Gamut (1991) §6.3.6–6.3.9	HW 1
	Jan. 14	Montague Grammar 3	Gamut (1991) §6.3.10–6.4.4	
3	Jan. 19	*class canceled*	MLK JR. DAY	
	Jan. 21	file change semantics: indefinites	Karttunen (1971), Heim (1982) Chapter 1	HW 2
4	Jan. 26	file change semantics: definites	Heim (1982) Chapter 3	
	Jan. 28	foundations of DRT	Kamp and Reyle (1993) §1–1.3, 1.5	
5	Feb. 2	quantifiers in DRT	Kamp and Reyle (1993) §2.1–2.2	
	Feb. 4	connectives in DRT	Kamp and Reyle (1993) §2.3–2.4	
6	Feb. 9	DRT & Montague Grammar 1	Muskens (1996) §I–III.2	HW 3
	Feb. 11	DRT & Montague Grammar 2	Muskens (1996) §III.2–V	
7	Feb. 16	*class canceled*	PRESIDENT'S DAY	
	Feb. 18	foundations of DPL 1	Groenendijk and Stokhof (1991) §1–2	HW 4
8	Feb. 23	foundations of DPL 2	Groenendijk and Stokhof (1991) §3	
	Feb. 25	*class canceled*	NATIONAL ADJUNCT WALKOUT DAY	
9	Mar. 2	foundations of DPL 3	Groenendijk and Stokhof (1991) §4-5	HW 5
	Mar. 4	quantifiers in DPL 1	van den Berg (1996) §1–3	
10	Mar. 9	quantifiers in DPL 2	van den Berg (1996) §4–6	
	Mar. 11	student presentations		HW 6

References

Gamut, L. (1991). *Logic, Language and Meaning, Volume 2: Intensional Logic and Logical Grammar*. The University
   of Chicago Press.

Groenendijk, J. and Stokhof, M. (1991). Dynamic predicate logic. *Linguistics and Philosophy*, 14:39–100.

Heim, I. (1982). *The semantics of definite and indefinite Noun Phrases*. PhD Thesis, MIT.

Kamp, H. and Reyle, U. (1993). *From discourse to logic*. Springer.

Karttunen, L. (1971). Discourse referents. In *Proceedings of Coling 1969*.

Montague, R. (1973). The proper treatment of quantification in ordinary English. In Hintikka, J., Moravcsik, J., and
   Suppes, P., editors, *Approaches to Natural Language*, pages 221–242. Dordrecht.

Muskens, R. (1996). Combining Montague Semantics and Discourse Representation. *Linguistics & Philosophy*,
   19:143–186.

van den Berg, M. (1996). Dynamic generalized quantifiers. In van der Does, J. and van Eijck, J., editors, *Quantifiers,
   Logic and Language*. CSLI Lecture Notes no. 54.