

Course web site: www-rcf.usc.edu/~borer/LSA

Readings:

Borer 2005b, Chs 3, 5 (12, 14) (on web site)

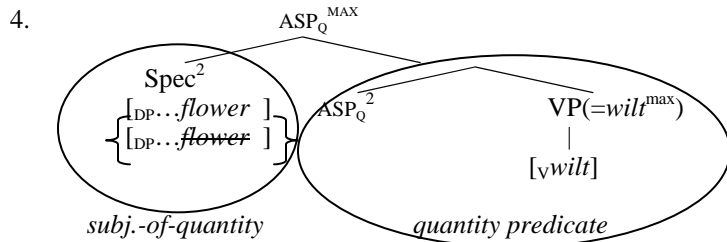
Kiparsky 1998 (on web site)

Krifka 1992 (on reserve)

The Syntax of Event Structure
Lecture 3: Structuring Telicity
 (corrected)

1. A Recap

1. a. The fire stations sired throughout the raid
 b. The factory sired midday and everyone stopped for lunch
 c. The police sired the Porsche to a stop
 d. The police car sired up to the accident
 e. The police car sired the daylights out of me
2. A. A listeme inserted from the conceptual array may merge with some functional head to give rise to a specifier of a functional projection associated with both interpretational properties and categorial properties
 B. A listeme may merge within the (original) L-domain if a semantically appropriate preposition or inherent case marker merges with it, and the resulting PP merges within the L-domain.
3. a. $[_{FP1} [_D \text{ cat-NOM}] [_{FP2} [_D \text{ skunk-ACC}] [_{VP} \text{ chase}]]]$
 b. $[_{FP1} [_D \text{ skunk-NOM}] [_{FP2} [_D \text{ cat-ACC}] [_{VP} \text{ chase}]]]$



2. Quantity Objects

5. Verkuyl's Generalization:

Telic interpretation can only emerge in the context of a direct argument with property α

6. a. Kim ate some apples
 b. Pat drank too much beer
 c. Robin read two books

d. Marcia built a house

7. a. Kim ate apples
 b. Pat drank beer

8. Non-Quantity (homogeneous) structures:

- a. Determinerless Mass: $[_{DP} \langle e \rangle_d [_{NP} \text{ salt}]]$
- b. Determinerless Plural $[_{DP} \langle e \rangle_d [_{CL} \text{ dogs} [_{NP} \text{ dogs}]]]$

9. Quantity (non-homogeneous) structures:

- a. Quantity (indefinite) Mass $[_{DP} \langle e \rangle_d [_{\#P} Q \langle e \rangle_{\#} [_{NP} \text{ salt}]]]$
- b. Quantity (indefinite) plurals $[_{DP} \langle e \rangle_d [_{\#P} Q \langle e \rangle_{\#} [_{CL} \text{ dogs} [_{NP} \text{ dogs}]]]]$
- c. Quantity (indefinite) singular $[_{DP} \langle e \rangle_d [_{\#P} a \langle e \rangle_{\#i} [_{NP} \text{ dog}]]]]$
- d. Definite Mass $[_{DP} \text{ the} \langle e \rangle_d [_{\#P} \text{ the} \langle e \rangle_{\#i} [_{NP} \text{ salt}]]]]$
- e. Definite plurals $[_{DP} \text{ the} \langle e \rangle_d [_{\#P} \text{ the} \langle e \rangle_{\#} [_{CL} \text{ dogs} [_{NP} \text{ dogs}]]]]$
- f. Definite singular $[_{DP} \text{ the} \langle e \rangle_d [_{\#P} \text{ the} \langle e \rangle_{\#} [_{NP} \text{ dog}]]]]$

10. a. quantity:¹

P is *quantity* iff P is not *homogenous*

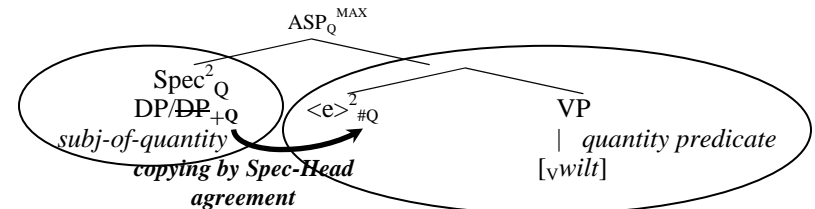
b. P is *homogeneous* iff P is *cumulative* and *divisive*

- i. P is *divisive* iff for all x with property P there is a y, proper subset of x, with property P, such that subtracting y from x yields a set with the property P.
- ii. P is *cumulative* iff for all x with property P and all y with property P, a union of x and y has the property P.

(P is *divisive* iff $\forall x [P(x) \rightarrow \exists y (P(y) \wedge y < x)] \wedge \forall x, y [P(x) \wedge P(y) \wedge y < x \rightarrow P(x-y)]$)

(P is *cumulative* iff $\forall x, y [P(x) \wedge P(y) \rightarrow P(x \cup y)]$)

11. a.



b. *wilt*(e) & subject-of-quantity (*the flower*, e)

12. a. There were three eruptions by Vesuvius
 b. There was a capsizing of the boat by Mary
 c. There were three late arrivals of a train by Mary
 d. For hours there was (*a) pushing of the cart by John
 e. For hours there was (*a) painting of the Nativity by Jones
 f. There was at least one pushing of the cart to New York by John

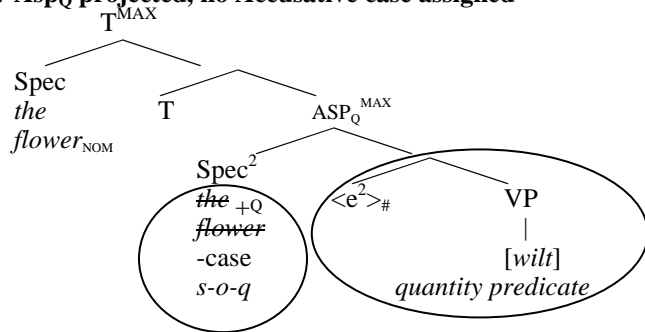
13. a. the wilted flower
 b. the moved car

¹ Corrected definitions from class of July 5. Please see appendix for note on definitions

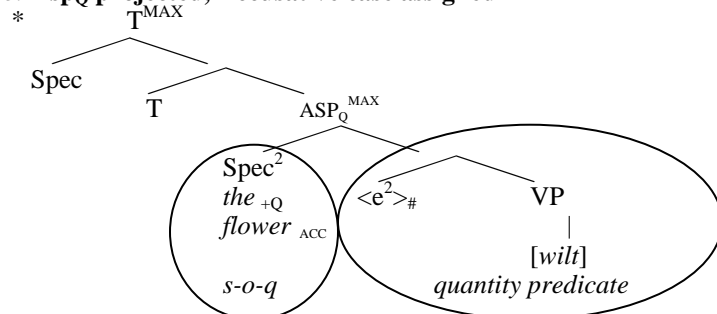
- c. the reddened apple
- d. the twisted yarn
- e. the fallen tree
- f. the arrived train

3. The Architecture of Event Structures

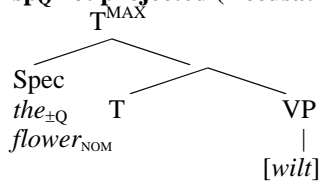
14. a. Asp_Q projected, no Accusative case assigned



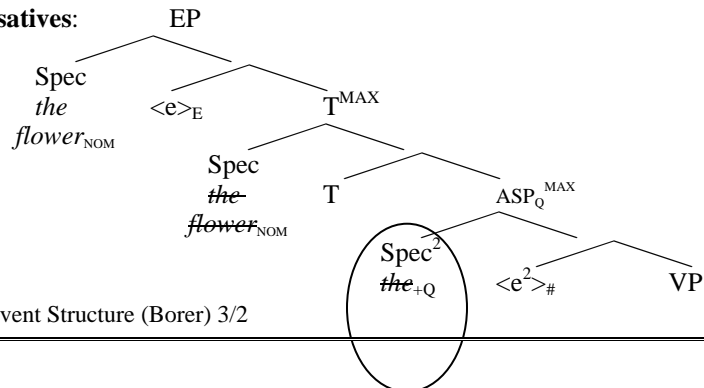
b. Asp_Q projected, Accusative case assigned



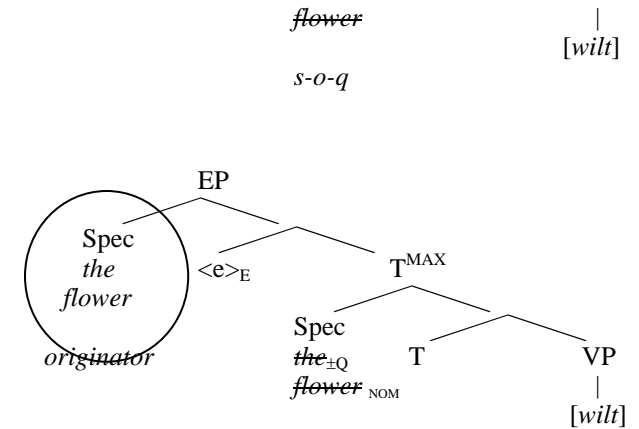
c. Asp_Q not projected (Accusative case clearly unavailable)



15. a. Unaccusatives:

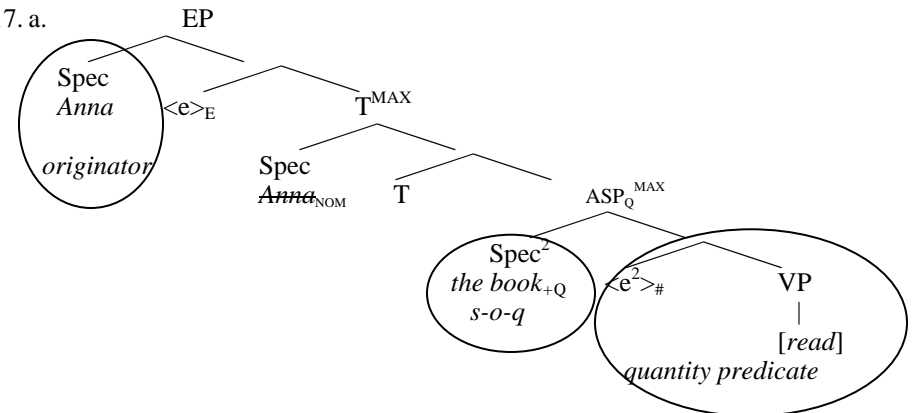


b. Unergatives:



- 16. a. ∃e [quantity (e) & subject-of-quantity (the flower, e) & wilt (e)]
- b. ∃e [activity (e) & originator (the flower, e) & wilt (e)]

17. a.



- b. ∃e [quantity (e) & originator (Anna, e) & subject-of-quantity (the book, e) & read (e)]

3. Prepositional Licensing and Cascade Structures

- 18. a. I talked with Kim about Pat
- b. I talked about Pat with Kim
- 19. a. Sue spoke **to** these people_i, **about** each other_i's friends in Bill's house
- b. John spoke to Mary **about** these people_i, **in** each other_i's houses on Tuesday
- c. Sue gave books **to** these people_i on each other's birthdays
(Pesetsky, 1995, p. 172, ex. (451))
- 20. a. Sue spoke **with** every boy **about** his mother this morning
- b. ?Sue spoke **about** every boy **with** his mother this morning
- c. *Sue spoke **with** his mother **about** every boy this morning

d. *Sue spoke **about** his mother **with** every boy this morning

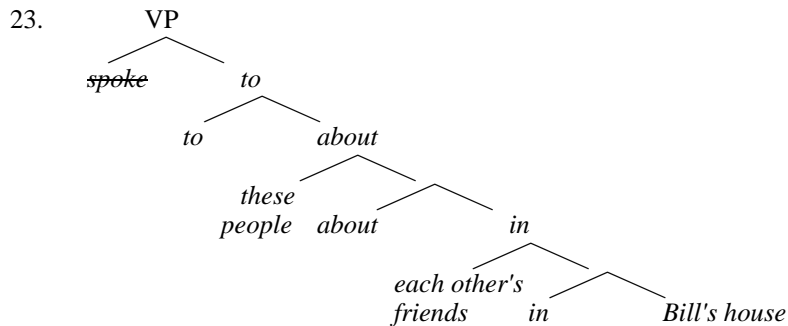
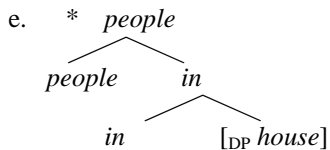
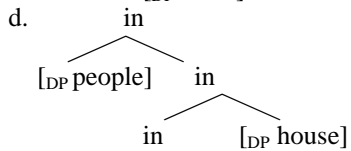
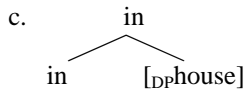
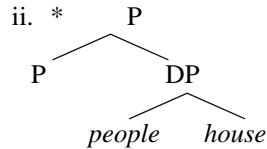
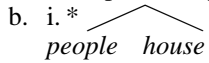
21. a. *soxaxti xal kol yeled xal 'ima šelo ha.boqer*
talked.1.sg with every boy about motherhis this-morning

b. *soxaxti xal kol yeled xim 'ima šelo ha.boqer*
talked.1.sg about every boy with motherhis this-morning

c. **soxaxti xal 'ima šelo xim kol yeled ha.boqer*
talked.1.sg about mother his with every boy this-morning

d. **soxaxti xim 'ima šelo xal kol yeled ha.boqer*
talked.1.sg with motherhis about every boy this-morning

22. a. Conceptual array: *people, friend, house*



4. The Conative Alternation and the Spray/Load Alternation

24. a. I ate the cake in five minutes/for five minutes

b. I ate at the cake *in five minutes/for five minutes

25. a. *hikiti 'et ha.šaken tok xaci šaša/bemešek xaci šaša*

beat.1.sg OM the.neighbor in half an hour/for half an hour
'I beat (up) the neighbor in half an hour/for half an hour'

b. *hikiti ba-top *tok xaci šaša/bemešek xaci šaša*
beat.1.sg in-the.drum *in half an hour/for half an hour
'I beat the drum in half an hour/for half an hour' (atelic reading)

c. #*hikiti ba-šaken*
beat.1.sg in-the.neighbor
'I beat the neighbor' (atelic reading)

d. #*hikiti 'et ha.top*
beat.1.sg OM the.drum
'I beat up the drum' (Hebrew)

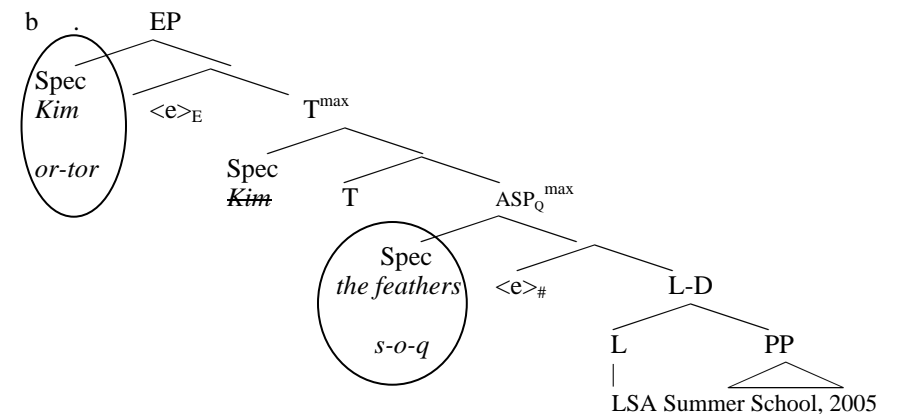
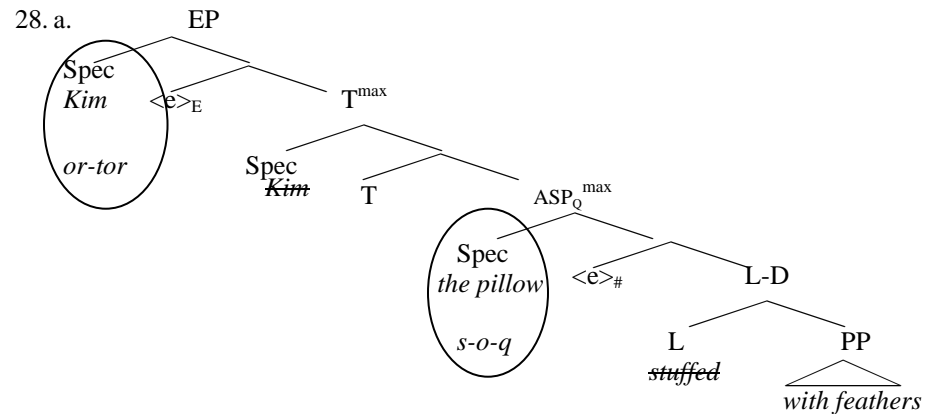
26. a. Kim stuffed the pillow with the feathers (in two hours)

b. Kim stuffed the feathers into the pillow (in two hours)

c. Pat loaded the wagon with the hay (in two hours)

d. Pat loaded the hay on the wagon (in two hours)

27. {*spray, paint, wall, Kim*
{*load, wagon, hay, Kim*
{*stuff, feather(s), pillow, Kim* }



stuffed into the pillow

29. a. $\exists e$ [*quantity* (e) & *originator* (Kim, e) & *subject-of-quantity* (the pillow, e) & *WITH*(the feathers, e) & *stuff* (e)]
b. $\exists e$ [*quantity* (e) & *originator* (Kim, e) & *subject-of-quantity* (the feathers, e) & *INTO*(the pillow, e) & *stuff* (e)]
30. a. I stuffed the feathers with the pillow
b. I stuffed the pillow into the feathers
c. I stuffed the feathers on/about/under/in/at the pillows
d. I stuffed the pillow on/about/under/over/at the feathers

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