

PROGRESS REPORT NO. 6

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TRANSFORMATIONS

1. Y [NP that Z] S  
 1 2 3 4  
 1 3 2 4

T  
that

2. Y it NP for to Z  
 1 2 3 4 5 6  
 1 2 4 3 5 6

T  
for separation

3. Y for to Z  
 1 2 3 4  
 1 ∅ 3 4

T  
for deletion

4. Y it (PP) S Z  
 1 2 3 4 5  
 1 ∅ 3 4 5

T  
it deletion

5. Y of NP [to] Z  
 1 2 3 4 Aux 5  
 1 ∅ 3 4 5

T  
of deletion

6. Y Prep S Z  
 1 2 3 4  
 1 ∅ 3 4

T  
Prep deletion

7. Y it S Z  
 1 2 3 4  
 1 3 2 4

T  
S separation or  
Extrapolation

8.	Y	it	AUX	V	<sup>for</sup> [NP X]				T
	1	2		3	4	5			noun phrase subject
	1	4		3	∅	5			

9.	Y	it	AUX	V	[NP]	S	Z	T
	1	2		3	4	5	6	Adjunct
	1	4		3	∅	5	6	

Class 1 "believe"

a. I believe myself to be honest

- i I believe [it [I for to be honest] ] [of I] BASE  
S NP PP
- ii I believe [it [for I to be honest] ] [of I] T  
S NP PP for separation
- iii I believe [it] [of I] [for I to be honest] T  
NP PP S S separation
- iv I believe [it] [of I] [for to be honest] T  
NP PP SF equivalence
- v I believe [it] [of I] [to be honest] T  
NP PP S for deletion
- vi I believe [of I] [to be honest] T  
PP S it deletion
- vii I believe [I] [to be honest] T  
PP S of deletion
- viii I believe [myself] [to be honest] T  
PP S reflexive

b. I am believed to be honest

- i [it] [for I to be honest] ] is believed [of I] T pass after  
S NP PP T for sep
- ii [it] is believed [of I] [for I to be honest] T  
NP PP S S separation
- iii [it] is believed [I] [to be honest] Several steps as  
NP PP S above
- iv [I] am believed [to be honest] T  
NP S adjunct

c. Sentences derived in the same way with underlying structures

i I believe it of John that he is honest

I believe [it [that John is honest] ] [of John]  
S NP PP

ii I believe that the world is round

I believe [it [that the world is round] ] [of it]  
S NP PP

iii I believe the fact that S to be true

I believe [it [the fact that S for to be true] ] [of the fact that S]  
S NP

Class 2

a. I persuaded John to come

i I persuaded [John] [of [it[John for to come] ] ] BASE  
NP S NP PP

ii I persuaded [John] [of [it[for John to come] ] ] T  
NP S NP PP for separation

iii I persuaded [John] [of [it[for to come] ] ] T  
NP S NP PP equivalence

iv I persuaded [John] [of [it[to come] ] ] T  
NP S NP PP for deletion

v I persuaded [John] [of [[to come] ] ] T  
NP S NP PP it deletion

vi I persuaded [John] [[[to come] ] ] T  
NP S NP PP Prep deletion

b. I persuaded John that Bill is honest

i. I persuaded [John] [of [it[that Bill is honest] ] ] BASE  
NP S NP PP

ii I persuaded [John] [of [[that Bill is honest] ] ] T  
NP S NP PP it deletion

iii I persuaded [John] [[[that Bill is honest] ] ] T  
NP S NP PP Prep deletion

c. I coaxed John to come

- i I coaxed [John]<sub>NP</sub> [into [it[John for to come] ] ]<sub>S NP PP</sub> BASE
- ii I coaxed [John]<sub>NP</sub> [into [[to come] ] ]<sub>S NP PP</sub> T  
several steps
- iii I coaxed [John]<sub>NP</sub> [[[to come] ] ]<sub>S NP PP</sub>

Class 3

a. John prayed for Bill to come

- i John prayed [for [it [Bill for to come] ] ]<sub>S NP PP</sub> BASE
- ii John prayed [for [it [for Bill to come] ] ]<sub>S NP PP</sub> T  
for separation
- iii John prayed [for [[for Bill to come] ] ]<sub>S NP PP</sub> T  
it deletion
- iv John prayed [[[for Bill to come] ] ]<sub>S NP PP</sub> T  
Prep deletion

Class 4

a. I want John to come

- i I want [John for to come]<sub>S</sub> BASE
- ii I want [John] [to come] ]<sub>S S</sub> T  
for deletion

iii I want !

Class 5

a. John deserves to die

- i John deserves [John for to die]<sub>S</sub> BASE
- ii John deserves [John to die]<sub>S</sub> T  
for deletion
- iii John deserves [to die]<sub>S</sub> T  
equivalence

b. I expect the rocket to crash

i Same as above

ii I expect [[the rocket for to crash] ]  
S NP

T  
it deletion

iii I expect [[the rocket to crash] ]  
S NP

T  
for deletion

c. the rocket is expected to crash

i Same as above

ii [it [for the rocket to crash] ] is expected  
S NP

T  
Passive and for  
sep

iii [it]<sub>NP</sub> is expected [for the rocket to crash]<sub>S</sub>

T  
S separation

iv [the rocket]<sub>NP</sub> is expected [for to crash]<sub>S</sub>

T  
noun phrase sub

v [the rocket]<sub>NP</sub> is expected [to crash]<sub>S</sub>

T  
for deletion

ADJECTIVES

Class 1

a. John was wise to go

i [it [John for to go] ] was wise [of John]  
S PP

ii [it [for John to go] ] was wise [of John]  
S PP

T  
for separation

iii [it]<sub>NP</sub> was wise [of John]<sub>PP</sub> [for John to go]<sub>S</sub>

T  
S separation

iv [it]<sub>NP</sub> was wise [of John]<sub>PP</sub> [for to go]<sub>S</sub>

T  
equivalence

- v [it]<sub>NP</sub> was wise [of John]<sub>PP</sub> [to go]<sub>S</sub> T  
for deletion
- vi [it]<sub>NP</sub> was wise [John]<sub>PP</sub> [to go]<sub>S</sub> T  
of deletion
- vii [John]<sub>NP</sub> was wise [to go]<sub>S</sub> T  
adjunct

Other adjectival classes will be discussed in a later paper.