

## MORE EVIDENCE FOR A CYCLE OF TRANSFORMATIONS?

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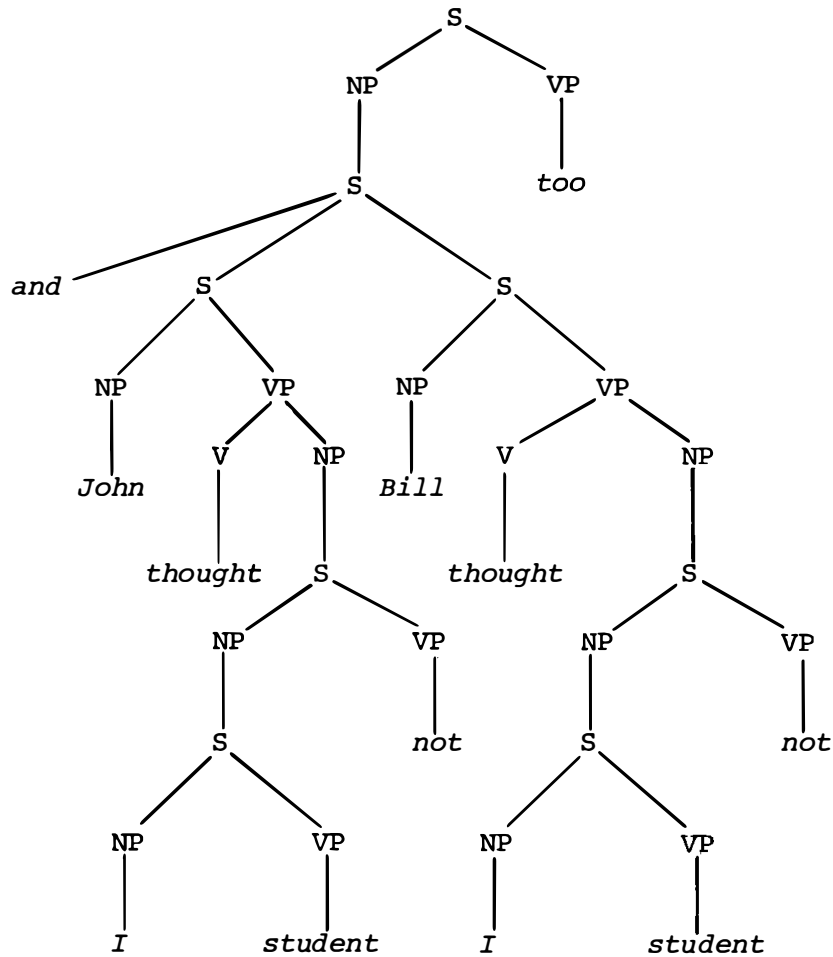
*This paper is in a tie with paper number 17 for the distinction of being the most underground paper in the volume. Indeed, to my knowledge, until the manuscript of this book was sent to the publisher, the only persons who had read it were the two authors and myself. The only known copy of it appeared under the door of my office some time in Spring 1968. It is noteworthy for being (a) an argument for a cycle in syntax that does not involve any of the rules that most commonly turn up in arguments for a cycle (Raising, Reflexivization), and (b) an argument that Negative-raising is in the cycle that antedates by a year the only other known arguments for that conclusion (R. Lakoff, 1969).*

Since in the most ordinary kind of emphatic conjoined sentence, *too-either* suppletion depends on whether the highest verb in the rightmost of the sentences that compose the subject of *too-either* is negated, *too-either* selection must follow the optional Negative-raising rule, in order to derive both:

- (1) *(John didn't think I was a student, and) Bill didn't think I was a student either.*

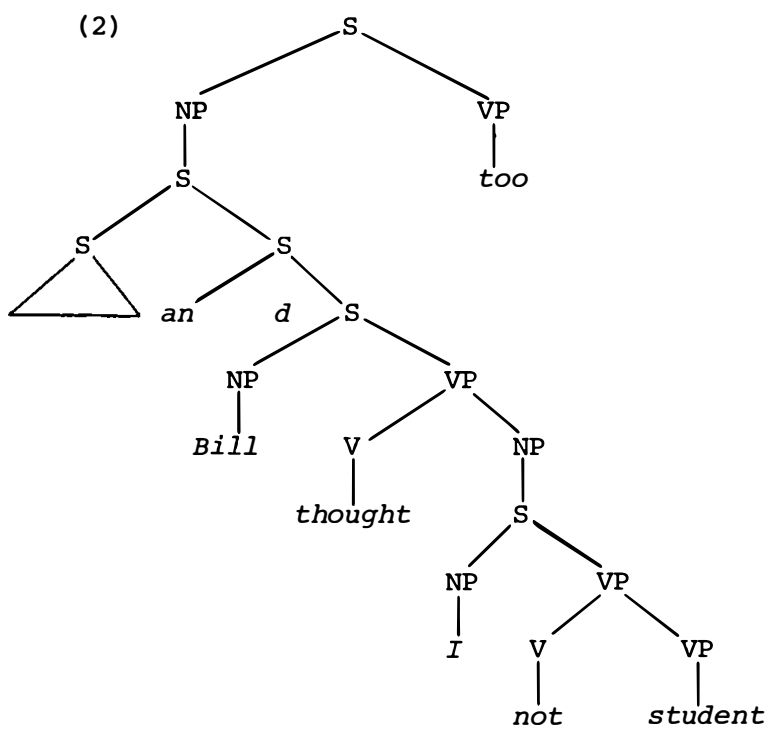
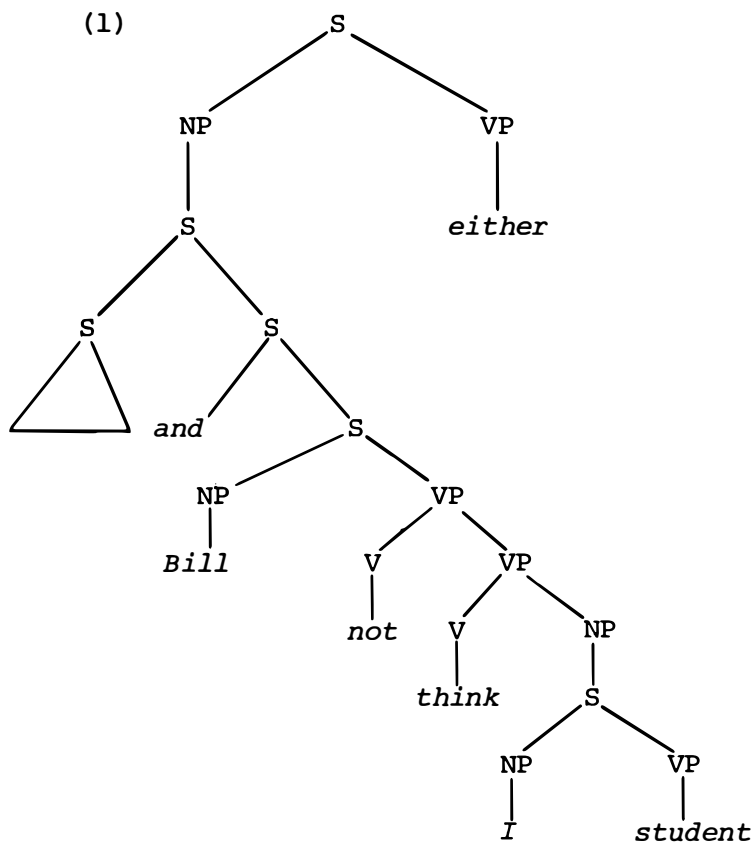
- (2) *(John thought I wasn't a student, and) Bill thought I wasn't a student too.*

from the deep structure:



yielding the two trees:

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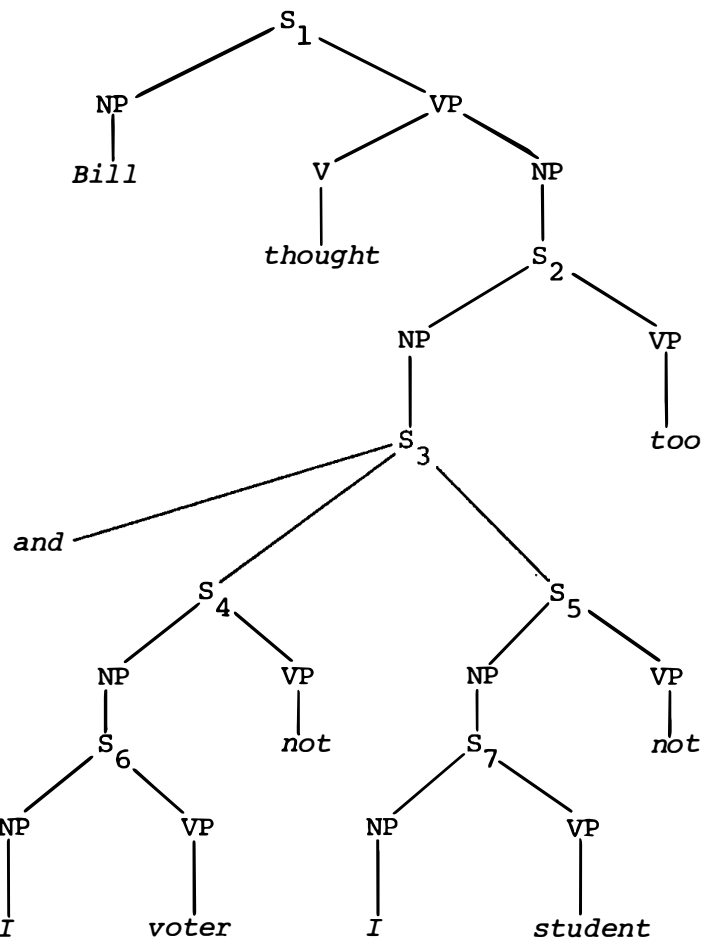


But to get both

(3) *Bill thought (that I wasn't a voter, and) that I wasn't a student either.*

(4) *Bill didn't think (that I was a voter, or) that I was a student either.*

with *either* in both sentences, regardless of the Negative-raising, from the deep structure



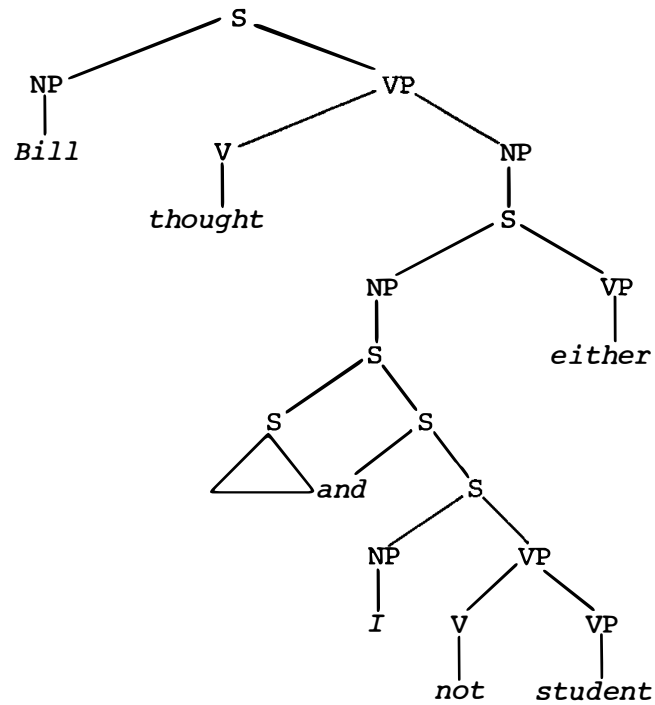
*too-either* selection must operate on  $S_2$  before the *not* in  $S_4$  and  $S_5$  are shifted into  $S_1$  presumably through the mediation of  $S_2$ , which, when it contains the *not* would yield:

(5) *Bill thought that I was neither a voter nor a student.*

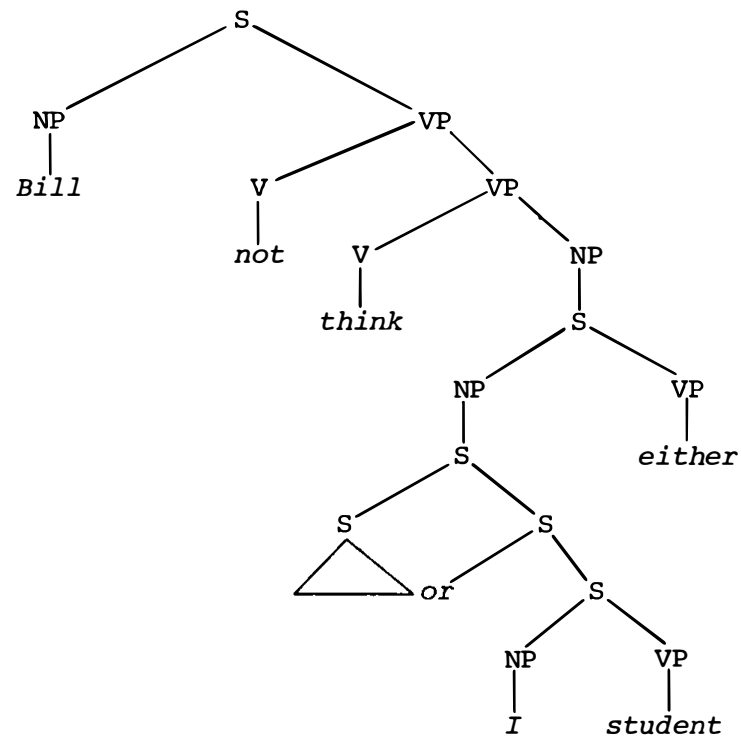
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to yield the two trees:

(3)



(4)



Since the rule determining *too-either* suppletion must both precede and follow *not-shift*, this appears to be evidence for cyclic (not iterative-cyclic) ordering of rules.