A New Case of Strong Crossover: Locality Conditions on Chains?

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1. *John believes [that [Mary likes himself]]
2. *John [seems] [that [Mary likes _]]

3. Condition A: An anaphor must be A bound in its governing category.
4. *John is believed [that [he likes e]] Violates SSC, TSC, but not
   \[\text{Condition A.}\]
   Cf. It is believed that John likes himself.
5. By "functional determination", e is pronominal since not locally
   an A', and locally A bound by an element with an independent θ
   role (he). (4) then would violate Condition B.
6. Problems with functional determination
   a. who [did [e losing the race] annoy e]
   b. John is arrested e [after e arriving at the party]
   c. *who [did he try [[e to win the race]]]
7. Movement as a last resort? [See also (14a) below.]
8. __ is believed [that [he likes John]]
   The underlying form of (4) would violate Condition C.
9. John wants [[PRO to be hired t]]
   \[\text{PRO has moved to avoid violating Binding Theory.}\]
10. Case conflict? Suppose an A chain cannot have 2 case-marked elements.
11. *Bill tried [[John to be believed [that [he likes t]]]]
12. *Bill tried [[PRO to be believed [that [he likes t]]]]
13. *John is believed [that [he is proud (of) t]]
14. a. [Rome's destruction t]
   \[\text{NP}\]
   b. [the destruction of Rome]
   \[\text{NP}\]
15. *[the belief (of) [John to be intelligent]]
16. *John seems [that [[pictures (of) t] are on sale]]
   \[\text{Cf. It seems that pictures of John are on sale.}\]
17. *John seems [that [[the belief [t to be intelligent]] is strange]]
   \[\text{Cf. It seems that the belief that John is intelligent is strange.}\]
Lasnik  p. 2

18. a. *John seems [that [his belief that to be intelligent] is strange]
   b. *John seems [that [Mary regrets [his belief that to be intelligent]]]

19. There is no "exceptional" case marking by nouns. Neither (17) nor (18) is an instance of case conflict, regardless of how case assignment and case conflict are formulated.

20. 

   ![Diagram of c-command]

21. a. Where $\alpha^i$, $\alpha^{i+1}$ are successive members of a chain, $\alpha^i$ must locally bind $\alpha^{i+1}$. [From Chomsky LGB, p. 333]
   b. *Who does he think that will win
   c. *Who does he think Mary likes that

22. Gianni è stato affidato a se stesso.
    Gianni was entrusted to himself

23. *Gianni si è stato affidato.
    Gianni to himself was entrusted

24. Gianni gli è stato affidato.
    Gianni to him was entrusted

25. Gianni si è stato affidato e' e' (order of e', e' irrelevant)

26. a. John was entrusted to himself.
   b. John [himself [was entrusted to (to)]]

27. a. They seem to each other that to be intelligent
    b. *It seems to him that John is intelligent

28. They strike each other [t1 as intelligent]

29. They think they like each other
   =They think each of them likes the other(s)
   =Each of them thinks he likes the other(s)

30. They think John said they like each other

31. They think they are sick

32. *John is believed that [he likes tl]

33. Linking is automatic under movement, and free at S-structure.

34. If A is an anaphor, then there is exactly one B in G(A) such that B c-commands A, and A is linked to B.

35. *John asked Mary about themselves

36. *John said that Mary likes themselves

37. An anaphor cannot be multiply linked.

37. a. *We like myself
   b. *I like ourselves

38. If A is an anaphor and is linked to B, then A and B are 'coreferential'.