Binding Theory Quiz

Jean Mark Gawron

Linguistics 522
San Diego State University
gawron@mail.sdsu.edu
http://www.rohan.sdsu.edu/~gawron
Determine whether there is a binding relationship between the coindexed NPs and state which NP is the binder and which NP is bound.

(i) John\textsubscript{i} thinks he\textsubscript{i} is a genius.
(ii) John\textsubscript{i} likes himself\textsubscript{i} a lot.
(iii) John\textsubscript{i} thinks himself\textsubscript{i} is a genius.
(iv) John\textsubscript{i} likes him\textsubscript{i} a lot.
(v) [John\textsubscript{i}’s mother\textsubscript{j}] thinks he\textsubscript{i} is a genius.
(vi) [His\textsubscript{i} mother\textsubscript{j}] thinks John\textsubscript{i} is a genius.
In the following questions assume the following definition of **antecedent**:

The **antecedent** of a pronoun or an anaphor is an R-expression coindexed with it.

For example, *John* is the antecedent of *he* and *himself* in:

(i) John\(_i\) thinks he\(_i\) is a genius.
(ii) John\(_i\) likes himself\(_i\) a lot.
Assume relative clauses are adjuncts of nouns

S: a relative clause
General directions

Answer true or false for each of the following. Grammaticality judgments for examples have been omitted because they are not relevant to answering any of the questions (and to make it clear that the answers do not DEPEND on the grammaticality judgments).
True/False

1. According to the binding theory, a pronoun must have an antecedent.

2. The antecedent of a pronoun in a grammatical sentence must bind it.

3. The antecedent of a pronoun in a grammatical sentence must not bind it.

4. The antecedent of an anaphor in a grammatical sentence must bind it.

5. According to the binding theory, an anaphor must have an antecedent.

6. The binding theory rules out the following sentence:

   John thinks John is a genius.
5. The binding theory rules out the following sentence

\[ \text{He}_i \text{ thinks } \text{John}_i \text{ is a genius.} \]

6. The example in (5) is a Principle C violation.

7. The binding theory rules out the following sentence

\[ \text{Everyone who meets him}_i \text{ admires } \text{John}_i. \]
8. Determine which sentences the binding theory rules out and if a sentence is ruled out, state which principle(s) is/are involved, what NP is the problem, and state whether or not it is bound.

(a) Everyone who meets John$_i$ admires him$_i$.
(b) Everyone who meets him$_i$ admires John$_i$.
(c) Every farmer who owns a donkey$_i$ beats it$_i$.
(d) Every farmer who owns it$_i$ beats a donkey$_i$.
(e) Himself$_i$ likes John$_i$.
(f) Himself$_j$ likes John$_i$.
(g) He$_i$ likes John$_i$.
(h) John$_i$ likes Susan’s$_j$ picture of him$_i$.
(i) John$_i$ thinks himself$_i$ is a genius.