

GB Binding Theory

The Explanatory Effects of Clause C

Clause C

1. An overt R-expression must be free.
2. A *wh*-trace must be free in the smallest projection that does not contain the moved element.

(17) * He_i beheaded John_i

(18) * He_i knows I beheaded John_i

(19) John_i, I like_i

(20) * John_i, he_i said you beheaded t_i

The ungrammaticality of the first two sentences follows from clause C1, that of the third from clause C2 (C2 is necessary because in sentences like this, the topicalized NP binds the trace).

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GB Binding Theory

Problems For Clause A

Clause A

An anaphor must be bound, and bound 'as soon as possible', i.e. to something in the smallest clause or NP that contains it and that it can be bound in.

The following data are problematic for clause A of the GB binding theory:

- (21) John and Mary_i knew that the journal had rejected each other_i's papers

The theory would require binding the anaphor in the embedded clause.

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Problems For Clause A

Clause A

An anaphor must be bound, and bound 'as soon as possible', i.e. to something in the smallest clause or NP that contains it and that it can be bound in.

The following data are problematic for clause A of the GB binding theory:

- (22) John suggested that [tiny gilt-framed portraits of [each other]_i] would amuse [the twins]_i]
- (23) Iran_i agreed with Iraq_j that [each other's]_k shipping rights must be respected. (k = Iran and Iraq)

GB Binding Theory

Problems For Clause A

- *The twins* does not c-command the anaphor. So it cannot be bound as the theory demands.
- Iran&Iraq does not even come as a grammatical unit but has to be inferred. It cannot be bound.

GB Binding Theory

Problems For Clause A

Clause A

An anaphor must be bound, and bound 'as soon as possible', i.e. to something in the smallest clause or NP that contains it and that it can be bound in.

(24) Mary talked [to John] [about himself]

John fails to c-command the anaphor

Problem: once more, c-command seems to be problematic.

