

(1) a. Hans ging **zum** Haus
Hans went to+the house
'Hans went to the house.'

b. Hans ging **zu dem** Haus
Hans went to the house
'Hans went to the house.'

(2) Es hängt an einem Haus. #Am/an dem Haus findet ihr eine Jahreszahl...
It hangs on a house. On the/on+the house find you a date.
'It's hanging on a house. On the house you'll find a date...'

Structure A phrase *idxP*, intervenes between D and N (cf. Wiltschko to appear; Simonenko 2014). Its head *idx* denotes the property of *being anaphoric* and houses a restricted variable for binding:

- (4) a. *Strong Form Structure:*
- $$\begin{array}{c}
 \text{PP} \\
 \swarrow \quad \searrow \\
 \text{P} \quad \text{DP} \\
 \quad \swarrow \searrow \\
 \quad \text{D} \quad \text{idxP} \\
 \quad \quad \swarrow \searrow \\
 \quad \quad \text{idx} \quad \text{NP}
 \end{array}$$

b. $\llbracket \text{idx} \rrbracket^g: \lambda x[x = g(i)]$

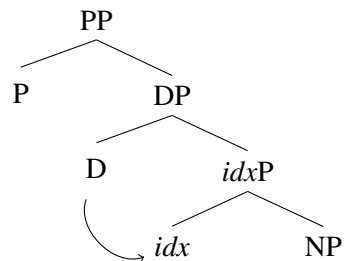
c. $\llbracket \text{D} \rrbracket: \lambda P.\iota x[P(x)]$

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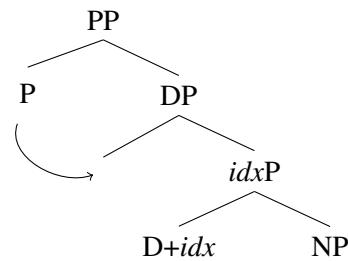
article forms: the weak form lacks *idxP*. In non-anaphoric uses, D with the same Strawsonian denotation can combine directly with NP, unifying D for both forms. Further, while Schwarz (2009) suggests that the external use of ‘same’ might independently have the denotation in (4a), it is not related to the semantics of the index under his account; I argue instead that *idx* always denotes a property – compatible with its syntax as a modifier of N – and may be spelled out by the modifier ‘same’ to express the same meaning.

Contraction The morphosyntactic explanation for P-D contraction comes from the post-syntactic movement operation *Lowering* (Embick and Noyer 2001). P-to-D lowering is obligatory, explaining the contraction of the weak form; after P lowers, P and D undergo *Fusion* (Halle and Marantz 1993) and spell out as one morphological word. When *idxP* is present, however, D lowers (6a) and undergoes fusion with *idx*, rendering P-to-D lowering vacuous and blocking contraction (b):

(6) a. *D-to-idx Lowering*



b. *P-to-D Lowering*



Given examples like (3), however, we see that the modifier ‘same’ surprisingly co-occurs with the weak form in anaphora. I propose that, if D does not lower to *idx*, *idx* must spell out as ‘same’, i.e., ‘same’ is an allomorph of *idx* that surfaces when *idx* and D do not form a complex head. The contraction puzzle in (3) is immediately explained: if D does not lower to *idx*, *idx* is realized as ‘same’ and P-to-D lowering is no longer vacuous, explaining contraction in certain cases of anaphora.

Hebrew There is independent evidence (outside Germanic) that an index can spell out as ‘same.’ E.g., while Hebrew *oto* is a third person pronoun, it can also act as ‘same’. Further, *oto* renders the otherwise obligatory definite prefix *ha-* optional, mirroring the sensitivity of D to *idx*’s presence:

- (7) Karati sefer. Itamar kara et **oto** (ha)-sefer.
 I.read book. Itamar read *acc.marker* same (the)-book.
 ‘I read a book. Itamar read the same book.’

Conclusion I provide an account of the strong/weak distinction in the German definite article that explains the puzzling use of the weak form in anaphora involving ‘same.’ In the strong form alone, D selects for the index-hosting head *idx*, which either spells out with a lowered D, blocking contraction, or spells out as external ‘same’ when D has not lowered, forcing contraction. This account draws support from cross-linguistic evidence that ‘same’ acts as an allomorph of an index in Hebrew.

Selected References: *Elbourne, Paul*. “Situations and individuals.” (2005). *Embick, David and Rolf Noyer*. “Movement operations after syntax.” (2001). *Halle, Morris and Alec Marantz*. “Distributed Morphology and the pieces of inflection.” (1993). *Schwarz, Florian*. “Two types of definites in natural language.” (2009). *Simonenko, Alexandra*. “A structural account of the loss of scopelessness.” (2014). *Wiltschko, Martina*. “Descriptive relative clauses in Austro-Bavarian German.” (to appear).