

Team Project

Within the form of Categorical Grammar we've been looking at so far, we haven't addressed the issue of case or agreement at all. But as we know, many languages, including English, have these phenomena. The project consists of the following tasks:

1. Provide an extension to CG to account for case and agreement
2. Provide as many lexical axioms as needed (syntactic only) for
 - (a) the names "Sinclair", "Ivanova"
 - (b) the pronouns "he", "she", "him", "her", "they", "them", "I", "me", and "you"
 - (c) the determiners "a" and "the"
 - (d) the nouns "station" and "Starfury"
 - (e) the verbs "fly", "flies", "flew", "see", "sees", "saw"
3. Proofs of the (un)grammaticality of the sentences
 - (a) Sinclair saw her
 - (b) *Sinclair saw she
 - (c) He saw Ivanova
 - (d) *Him saw Ivanova
 - (e) Ivanova flies a Starfury
 - (f) *Sinclair see the station
4. Present your account to the class