

### Chapter 8, Problem 1: 's and the SHAC

Consider *Pat's parents*. The head of the DP that serves as the SPR of *parents* is 's; *Pat* is the SPR of 's. So any agreement requirement between *parents* and *Pat* would have to be mediated by 's. But the SHAC is a constraint on the type *infl-lxm*, and 's is of type *det-lxm*, which is a subtype of *const-lxm*, not of *infl-lxm*. In other words, only common nouns and verbs (the subtypes of *infl-lxm*) are constrained by the SHAC. Since 's is not a common noun or a verb, it doesn't need to agree with *Pat* (though if the SHAC does make it agree with *parents*, a common noun). Thus, there is no violation of the SHAC in *Pat's parents*. The reasoning with *the children's game* is exactly the same.