Errata of "Superposition for Full Higher-Order Logic"

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Nonstrict term order

Employing a nonstrict term order for $o\lambda \mathrm{Sup}$ renders the calculus incomplete, contrary to what is claimed in the paper. The most straightforward way to fix the calculi is to replace the nonstrict term order \succeq by the reflexive closure \succeq of the strict term order \succ . The errata document of $\lambda \mathrm{Sup}$ explains this in more detail.

Selection of positive literals

The definition of selection functions on page 5 allows selection of positive literals if they are of the form $s \approx \bot$. The completeness theorem does not hold up when using this feature. Our completeness proof relies on the completeness proof of oSup [23], and as the errata of oSup explain in more detail, oSup's completeness proof breaks when positive literals are selected.