Errata of
"Superposition for Higher-Order Logic"

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Nonstrict term order

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

Selection of positive literals

Definition 20 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 [31], and as the errata of oSup explain in more detail, oSup's completeness proof breaks when positive literals are selected.