There is a serious error in the proof of Theorem 3.1, and hence, also of the main theorem of [1]. In the first paragraph of page 903 it is claimed that the class of maps of curves \( C' \rightarrow C_{k'} \) as \( k' \) ranges through the degree dividing \( d \) extensions of \( k \) and the map \( C' \rightarrow C_{k'} \) also has degree dividing \( d \), may be encoded by an \( L \)-definable set. As justification, the Riemann-Hurwitz formula is invoked to bound the genus of such a \( C' \), but no argument is adduced to bound the ramification and in the constructions used in the proof no such bound is possible. I do not know an alternate argument for Theorem 3.1.

As such, Pop’s Conjecture remains an open question.

REFERENCES