The differences between the new version and the old version

Dear all,

We list the differences between the new version and the old version here:

1. We have added the transformation and resolution rules to make it easy to read.
2. We have stated in the new version that our method will make the satisfiability solver CTL-RP faster by ‘remove’ some SNF\_{CTL}^g clauses.
3. Instead of giving the “The Connect Process” and “EF-implication rules” in the old version, we explore a new theorem, called “Generalised Ackermann’s Lemma”, to eliminate the new introduced atoms as possible.
4. We also give a more detailed proofs for our results to avoid confusing.
5. Moreover, the frame of our paper has some been changed, i.e. the pseudo code for algorithms Transform and Resolution processes are delete since they are clear from our context.
6. Some minor changes in the article also include: we have changed the abstract and introduction a little, the layout of the Background Knowledge and Notation has also be changed for the sake of compactness.

Best wishes