Referee Report 2: Dror Bar-Natan and Hernando Burgos-Soto, Khovanov Homology for Alternating Tangles

I recommend this article for publication. The authors have addressed the issues raised in the previous review. There are a few typos and minor issues remaining that should be addressed before publication.

Comments:

1. Page 8, first paragraph “deserves” should be “deserve.”

2. The bottom of the same paragraph is only place that a connected alternating planar algebra is mentioned. Since the the input disks are already required to be connected for elements of an alternating planar algebra, this seems redundant. If not, please clarify.

3. Page 8, Proposition 4.2: I still don’t think that this proposition is trivial. It took me a few minutes to come up with a proof, my idea was to first successively combine pairs of input disks replacing them by a neighborhood of the disks and a connecting arc until there is only one input disk left and then to “swallup up” the remaining arcs one by one. Maybe there is a simpler way, in any case, I feel that a short proof sketch will be helpful to the reader.

4. Page 9, Definition 5.3: “Appropriate” is a little unclear, I’m assuming you mean an operator as in Definition 5.2.

5. Page 16, Propositions 8.1 and 8.2. Please add a qed. I do agree that these are trivial.

6. Page 17, Proof of Theorem 1: “crossing” should be “crossings.”

7. Page 18, Remark 8.6: There should not be a comma before “one”. It might be better to just say “obtain a complex whose differential is zero.”