

Matej Marinko (many thanks!) pointed out that in the proof of Lemma 5, in the case when we look into vertices v_{out} at even level, we should check the level of v_{in} before continuing the search there. This is not mentioned in the journal publication. More precisely, in line 16 of the proof of Lemma 5 we would replace

"and v_{in} has not been explored yet, we recursively explore"

with something like

" v_{in} has not been explored yet, and $\lambda(v_{in})=\lambda(v_{out})+1$, we recursively explore".

This will be corrected in v3 of the arXiv version at <https://arxiv.org/abs/2005.00858>

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