

Thanks for the response to all my previous comments. Still there are several minor mistakes in the current version.

1. Please check if it is reasonable to use the term ‘multi-community detection’. Originally, it should be ‘multiresolution community detection’. I don’t think this abbreviation delivers the same meaning.
2. Please change Eqs. 6 and 7 in a more formal way. Shouldn't there be parentheses if they are conditional formulas?
3. Please check Eq. 9, make sure it is in the right form. If I remember correctly, the current form is not correct. Should be $g(a) \in P$, isn't it?