

# Review of: "Determining Affinity of Social Network using Graph Semirings"

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**Potential competing interests:** No potential competing interests to declare.

The paper titled "Determining Affinity of Social Network using Graph Semirings" looks fine regarding mathematical calculations and scientific contribution but it has some sort of serious issues that should be addressed for further process of the paper.

1. Abstract of the paper is not convincing. It is the most important part of a manuscript and so it should be very clear regarding the proposed work and the link between the existing and the proposed work.
2. Literature review is the backbone of a research article. In the introduction section, it is better to readdress this issue. This Section should start with general introduction to the investigated topic and the comprehensive background. Instead, the literature review on each main component has been presented by the author.
3. The linguistic quality of the paper need some improvement.
4. Representation is not good as the manuscript is not properly aligned.
5. What is the reason behind choosing the algebraic structure of "Semiring"? Explain with justified reasons.
6. Add the section "Conclusion and Future Studies" and discuss the findings and future scope of studies in comprehensive manner.
7. Write all the references on same pattern.
8. To improve the historical background, literature review and future scope of study about semirings of the proposed topics, add and cite well related references of Muhammad Shabir.