

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

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Potential competing interests: No potential competing interests to declare.

The main focus of this article is on how to apply the idea of graph semirings to assess the affinity between various social groupings inside a social network. It uses mathematics and graph theory techniques to determine the stability of different pathways with the goal of better understanding and illuminating the formation and identification of possible friendships in social networks.

Some limitations of the article:

- 1. The title is not clear. What is the significance of the word "Semirings"?
- 2. No step-by-step Algorithm has been found.
- 3. Introduces the term "Facebook friendship network" without explicitly stating the research problem or objective. For a better understanding, a brief overview of the methodology would be better.
- 4. Also there is a lack of explanation of related works and comparing this proposed work with the existing works.
- 5. Conclusion and Future work direction has not been given properly.