

# 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 explores graph theory applied to social networks but falls short in several aspects. The methodology, particularly the term "semiring," requires clarification. Despite the promising title, the paper fails to leverage important semiring properties. The authors contribute minimally, providing no strong results or significant advancements. Due to these shortcomings, I do not recommend its publication in the journal Qeios. To enhance the paper, the authors are suggested to note the following:

1. Modify the abstract to clearly articulate the paper's purpose and contributions.
2. Provide a more comprehensive literature review, specifying how the paper contributes to the existing knowledge.
3. Clarify the methodology, particularly explaining the concept of semiring for better understanding.
4. Ensure the title aligns with the paper's content, incorporating semiring properties as promised.
5. Include a conclusion section to summarize key findings and contributions.
6. Strengthen the authors' contribution by emphasizing novel insights, results, or advancements in the field.