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

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Potential competing interests: No potential competing interests to declare.

This paper aims at proposing an algorithm to determine the stability or affinity of connections between different social groups within a complex social network. The authors use the example of the Facebook friendship network to illustrate this. They employ graph theory, particularly the operations of union and intersection forming semirings on the set of graphs, as their principal tool for decomposing the network into specific components of predefined categories. The algorithm aims to analyze and provide insights into the dynamics of social networks.