

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 deals with an algorithm for determining the stability or affinity of connections between different social groups within a complex social network by decomposing the given network into some algebraic operations of underlying graph and its subgraphs. The research is illustrated by an example of a well known social network.

The paper is easily readable and it is nice as basic example of the capabilities of graph theory when applied to concrete social network issues. The research might be scalable to complex networks and generalizable to theoretical results and hence it is interesting to take into account both by developers and researchers in the field.