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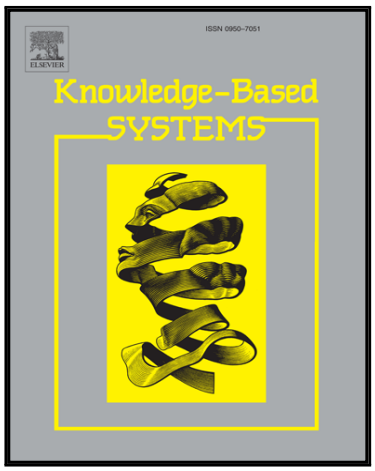

Trust Propagation Algorithm based on Learning Automata for Inferring Local Trust in Online Social Networks

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Highlights

- We present a new strategy for aggregating trust values derived from multiple paths
- We propose a trust propagation algorithm based on distributed learning automata
- We present empirical evaluations based on well-known trust propagation algorithms
- Using the proposed aggregation strategy increases the accuracy of trust inference
- The proposed algorithm can efficiently predict trust with a high accuracy

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