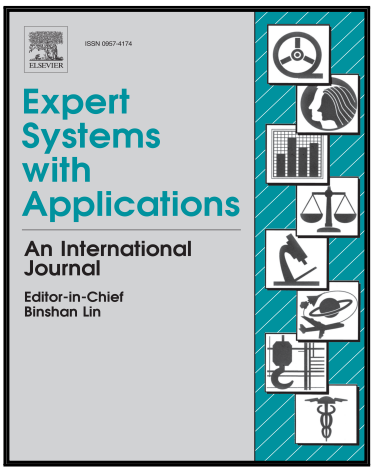

A hierarchical approach for influential node ranking in complex social networks

Ahmad Zareie , Amir Sheikhahmadi

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Highlights

- Identification of influential nodes in complex networks is a significant problem.
- We propose a centrally measure to identify nodes' location in complex networks.
- Proposed measure is applied to rank the influential nodes.
- Experiments show better results as compared to the state-of-the-art methods.