

عنوان مقاله:

Identification of Communities on Static Social Networks

محل انتشار:

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خلاصه مقاله:

Many complex natural and social structures can be considered as networks. Internet sites, social networks, organizational communications, family connections, electronic mails, phone calls, and financial transactions are just a few examples of these networks. Nowadays, network analysis is one of the most popular and widely used research branches in the world. One of the most commonly used topics in network analysis is the identification of organizations in the network. In this research, we present the detection of communities in static social networks using the genetic algorithm and its improvement with the label propagation algorithm known as Genetic Algorithm- Label Propagation. The genetic algorithm explores the search space well and converges to the best answer. This algorithm is scalable .and our results show that our proposed algorithm performs faster and better than other algorithms

کلمات کلیدی:

Static Social Networks, Genetic Algorithm, Identifying Communities

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