

عنوان مقاله:

CREATING AN IMPLICIT SOCIAL NETWORK FOR UNIVERSTY STUDENTS BASED ON AFFILIATION NETWORK PROPERTIES

محل انتشار:

دومین همایش ملی کاربرد سیستم های هوشمند (محاسبات نرم) در علوم و صنایع (سال: 1395)

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خلاصه مقاله:

Although huge number of studies in social networks have been conducted on the statistical properties of societies, few of them have focused on non-statistical properties of studHQWV' FRPPXQLWLHV. ,Q WKLW DUWLFOH ZH KDYH WULHG WR highlight the community structure property that is found in VWXGHQWV' VRFLDO QHWZRUNV WKH SURSHUW RI FRPPXQLWstructure, in which network nodes are linked together in noticeable communities, between which there are much fewer connections. In real world the tendency of people to come together and form communities is inherent in the structure of society; and the ways in which such communities are formed and evolve over time is a theme that runs through large parts of social science research. In such networks that multiple information is available, many different predictions can be deduced. In this article we have investigated the social network of students and their relationships based on their taken affiliation caused by focal closure and membership closure effects. The results of this article can be used to reveal influential factors such as gender and entrance-term over the formation of VWXGHQWV' FRPPXQLW DQG DOVR IDFLOLDWH WKH SUHGLFWLRQ RI cheating .probability

کلمات کلیدی:

Students social network, focal closure, community detection

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