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AN ANALYSIS ON RELATIONSHIP BETWEEN RESEARCHERS' NETWORK AND RESEARCH IMPACT USING CO-AUTHORSHIP NETWORK ANALYSIS

Abstract:

Many factors in organization and countries and personal characteristics influence performances of researchers. Many researchers suggested significant factors which is influencing publication of excellent papers. In this study, relationship between researcher's network position and research impact was investigated. Nowadays, collaboration researches occurs more commonly since almost every research area are converging and it is more efficient than stand-alone research.

Co-authorship network analysis using SCI papers was used to find out relationship between research impact and researchers' network. Number of highly cited papers is used as research impact and three centralities were used as each researcher's network position.

Regression analysis was used to verify relationship between research performances and network and result showed that researchers' network position can play an important role in produce more important and excellent publications empirically.

Keywords:

researcher's network, research impact, co-authorship, network analysis

JEL Classification: Y90