Evaluation of Tehran Stock Exchange Companies for Investment Using a Decision Support System

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Nowadays, there is no doubt about the importance of the capital market in economic development through the effective management of capital and the optimal allocation of resources. Investment in the capital market requires decision making and choice; which itself requires evaluating the performance of industries and industrial enterprises in these markets and prioritizing investment preferences. The aim of this study was to investigate the performance of current industry in the Tehran Stock Exchange for investment decision support system. This study was used ANP-WASPAS and ANP-MULTIMOORA models. In the process of conducting the research and after collecting the research data, ANP, WASPAS and MULTIMOORA analyzes were performed. Then, the feasibility study of the Tehran Stock Exchange to invest was conducted by analyzing the results and prioritization to use the approaches derived this analysis as a pioneering system for achieving a systematic program to assess the performance of the Tehran Stock Exchange industry for optimal investment. The results of the applying of hybrid approaches indicated that of the nineteen industries that were evaluated in the Tehran Stock Exchange, the "chemical industry" and the "pharmaceutical industries" respectively ranked first and second priority investment based on performance evaluation indicators.

Keywords : Tehran Stock Exchange, Investment, Decision Support System