World Academy of Science, Engineering and Technology International Journal of Economics and Management Engineering Vol:19, No:04, 2025

A Fuzzy-Logic Approach to Rule-Based Systems for Leadership Style Selection

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Abstract : In personnel economics, the choice of a leadership style is about the question of how a supervisor should lead his or her employees in such a way that operational goals are achieved. In this paper, it is assumed that such leadership decisions are made according to the situation. Thus, the optimal or at least a permissible leadership style has to be selected from a set of several possible leadership styles. For this choice, a wide range of models has been developed in the scientific literature, from which the so-called normative decision model will be picked out and focused on. While the original model is based on univocal rules, this paper develops a fuzzy rule system.

Keywords: leadership, leadership styles, rule based systems, fuzzy logic

Conference Title: ICOBPL 2025: International Conference on Organizational Behavior, Performance and Leadership

Conference Location: Venice, Italy Conference Dates: April 12-13, 2025