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MULTI-CRITERIA DECISION ANALISYS IN INTELLIGENT SYSTEMS FOR ASSESSING AND MANAGING OF POWER EQUIPMENT CONDITION

The principles of developing a system of priorities in the power equipment operation based on heterogeneous data analysis are considered. A ranking technique allowing take into account the set of criteria and their relative importance is proposed. The technique is considered as an element for implementation of the top level of decision support systems focused on the analysis and management of the equipment technical condition.
Keywords: power equipment, multi-criteria analysis, technical condition, optimality criterion, weight coefficient.