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CREATION OF FUZZY HIERARCHICAL OUTPUT OF AUTOMATED MODULES FOR INDUSTRIAL CONTROL OF ELECTRIC GRID COMPANIES

There are some ways of increasing the efficiency of production processes, maintenance and repair of equipment of electric grid companies, based on creation of intelligent control modules as part of hierarchical fuzzy systems. We propose creation of fuzzy hierarchical output excluding intermediate operations of dephasing / phasing and allowing preserving the formal model of given or calculated variables between cascades of fuzzy subsystems.

Keywords: Fuzzy logic, simulation model, intellectual systems, automation, power engineer.

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