Intelligent Control System with Expert Regulators and Identification Algorithms of Life Support Systems

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Key words and phrases: decision making; expert and hybrid controllers; Hammerstein model; human-machine interface; identification; intelligent; information; methods of error prediction; rules of knowledge.

Abstract: The paper studies the processes of change in intelligent management systems with the expert regulator. The singularity of virtual controllers is shown. The rules of management transformation from the discrete time to continuous time are formulated.