

# A GRAMMATICAL MODEL OF THE MULTI-AGENT SYSTEM

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**Abstract:** *Multi-agent sensor operation is presented of the processing of some attributes grammar. Words defined in the grammar are signals from the sensing elements of the sensor system. Processing of these words is executed by a translator modeled by an automation with LIFO memory.*

*This method of processing multi-agent sensor signals enables the design of the system software. The software structure is independent of system application. The proposed method of organization of multi-agents sensor operation software is also useful for the automation of its designing.*

**Key words:** *multi-agents, grammar, sensor, control*



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