Development of high level control system for anthropomorphic robot

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Architecture of proposed control system for Russian full-sized human-like robot is described. Main design principles of cognitive architectures and current achievements in developing self-learning and reasoning systems are considered. Proposed modular structure suggests high level data organization and is capable to adapt. Main issues that must be resolved during the development are identified.

Key words: *anthropomorphic robot, cognitive architecture, SOINN, mental model, reasoning system, KnowRob, strong artificial intelligence.*