

## Improved algorithm of semantic probabilistic inference for the task of 2-dimension animat<sup>1</sup>

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**Abstract.** Improved algorithm of semantic probabilistic inference is presented in this work for the task of the functional systems general library development, that is not depend on the semantic of predicates, state of the system and goal predicates. Experiments results for this algorithm and library for the task of 2-dimension animat are presented.

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<sup>1</sup> Эта работа поддержана Российским Фондом Фундаментальных Исследований № 11-07-00560-а, интеграционными проектами СО РАН № 47, 111, 119 и программой президента Российской Федерации поддержки научных школ НШ-3606.2010.1.