

# CONTENTS

<i>A.Liekna, E.Lavendelis, A.Grabovskis</i> Experimental Analysis of Contract NET Protocol in Multi-Robot Task Allocation .....	6
<i>A.Grabovskis</i> The Generic Map Visualization Framework.....	15
<i>I.Andersone</i> The Influence of the Map Merging Order on the resulting Global Map in Multi-Robot Mapping .....	22
<i>V.Graudina, J.Grundspenkis, S.Milasevica</i> Ontology Merging in Context of Concept Maps.....	29
<i>M. Strautmane</i> Usage of Graph Patterns for Concept Map Extension .....	37
<i>S.Petrovica, A.Anohina-Naumeca</i> Design and Implementation of Agent Interaction Mechanisms for Emotionally Intelligent Tutoring Systems .....	44
<i>A.Lesovskis, V.Kotovs, L.Novickis</i> Integration of Tagging Mechanism in the Collaborative e-Learning System .....	54
<i>D.Buzdin, O.Nikiforova</i> Transformation of UML Class Diagram to Internal Java Domain-Specific Language.....	61
<i>E.Asnina</i> Notion of Causal Relations of the Topological Functioning Model .....	68
<i>A.Yershov, V.Zabiniako, P.Semenchuk</i> Using Concatenated Steganography for Visual Analysis in GIS SOA.....	74