

## TABLE OF CONTENTS

*Gender Differences in the Use of Noun Concept Categories – A Statistical Study Based on Data from Child Language Acquisition*

Velina Slavova, Dimitar Atanasov, Filip Andonov ..... 103

*Cognitive Agent Based Simulation Platform for Modeling Large-Scale Multi-Level Social Interactions with Experimental Games*

Maurice Grinberg, Emiliyan Todorov ..... 117

*Processing Differences between Near and Far Analogies*

Alexandra Alexieva, Penka Hristova ..... 133

*Empathy and Moral Judgment in Trolley-Like Dilemmas*

Veselina Kadreva, Evgeniya Hristova ..... 148

*The Factors of Effectiveness and the Organization of the Search of Elements within a Graphic Interface*

Irina Blinnikova, Anna Izmalkova, Maria Semenova ..... 162

*Intelligent Techniques for Prediction of Cytosine-phosphate-Guanine (CpG) Sites associated with lung carcinoma*

Abdel-Badeeh Salem, Mohamed Gawish, Mohammed Maher, Yasmin Amr, Amany Hussein, Keryakous Zarif, Basant Mohamed, Hebatullah Mohamed ..... 176

*Point clouds registration and generation from stereo images*

Aram Gevorgyan Vladimir ..... 193

*Table of contents* ..... 200