

Editorial

This volume of the journal “Research in Computing Science” contains selected papers on the modern interdisciplinary research areas: computational linguistics, when the computer model the linguistic abilities of humans, and artificial intelligence, when computers model another human activities like vision, reasoning, decision making, etc.

The papers were carefully chosen by the editorial board on the basis of the at least two reviews by the members of the reviewing committee or additional reviewers. The reviewers took into account the originality, scientific contribution to the field, soundness and technical quality of the papers. It is worth noting that various papers for this special issue were rejected.

The papers of this volume are related both to computational linguistics and artificial intelligence. In case of computational linguistics, a linguistic task is formulated and formal (implemented in software) methods are applied for its solving. For example, these tasks are development of emotional lexicon for Mexican slang or representation of ontologies. On the other hand, the formal methods of artificial intelligence can be applied also to very wide variety of tasks related to intellectual activities, like classification of barking or psychological profiles, business management or crime data mining, among others.

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