

Editorial

The intention of this issue of the journal “Research in Computer Science” is the collection of works that apply computational intelligence techniques, addressing problems on topics of intelligent applications, vision and robotics, machine learning, and natural language processing. There are 16 papers presenting intelligent applications for different domains in this issue.

Intelligent solutions like an Internet of Things Platform, crop analysis, and support for decision making in an echelon supply chain distribution are included in this volume.

Within the topics on computation vision and robotics, works are presented on depth estimation for the NAO robot, collective behaviors in swarms of builder robots, a local image feature approach for RGBD semantic segmentation, and identification of static and dynamic signs of the Mexican Sign Language alphabet.

Research papers on natural language processing are also included in this number: Semantic annotation approach for information search, word embedding as domain ontology enrichment resource, a graph-based tool to produce a model for constraint satisfaction problems, authorship attribution, and a study on how to learn Picture Languages.

Additionally, works are included on diverse applications as a molecular marker for protein electrophoresis using wavelet transform, and a brain-computer system to measure brain activity during a dolphin-assisted therapy.

The papers published here were carefully selected by the editorial committee and revised by at least two external reviewers considering their scientific originality and technical quality. The entire submission, reviewing, and selection process, as well as preparation of the proceedings, were supported for free by the EasyChair system (www.easychair.org).

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