Editorial

This volume of the journal "Research in Computing Science" contains selected papers related to image processing and machine learning. 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.

As far as image processing is concerned, the papers of this volume describe 3D visualization of the research results, influence of luminance in color segmentation, chromatic improvement of images, face recognition based only on eyes' information, feature descriptors for augmented reality registration, binary segmentation of multiband images, and improvement of image resolution with fuzzy logic. As far as pure machine learning is concerned, the paper of this volume discuss clustering ensemble selection considering quality and diversity and feature selection aimed to improve the performance of an electric arc furnace.

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