Editorial / *Editorial* / *Editorial*

Special Issue on Artificial Intelligence

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Artificial intelligence (AI) is an interdisciplinary subject of science and engineering that makes it possible for machines to learn from data. AI applications include prediction, recommendation, classification and recognition, object detection, natural language processing, autonomous systems, among others. The topics of the articles in this special issue include deep learning applied to medicine [1, 3], support vector machines applied to ecosystems [2], human-robot interaction [4], clustering in the identification of anomalous patterns in communication networks [5], expert systems for the simulation of natural disaster scenarios [6], real-time algorithms of artificial intelligence [7], and big data analytics for natural disasters [8].

For this special issue, the journal received manuscripts from different Colombian universities and research centers. Most of them were rejected in the preliminary round because they did not meet certain criteria (topic, typology, or anti-plagiarism). Only eight (8) of these articles were recommended for publication by peer reviewers and included in this special edition. In summary, 36.6 % of submitted manuscripts passed the pre-review round and 13 % were accepted for publication, as shown in Figure 1.
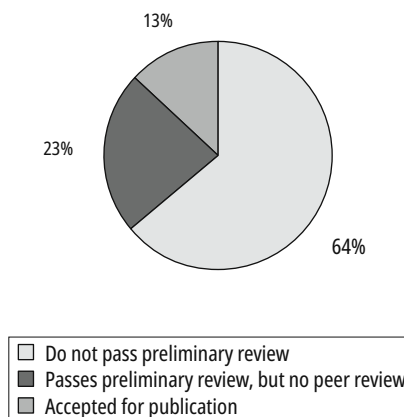

Figure 1. Statistics of Editorial process, *Ciencia e Ingenieria Neogranadina*, vol. 30, no. 1.

We invite readers to include these articles in their state-of-the-art research.

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