

Editorial

We bring the second issue of **Digital Signal Processing and Artificial Intelligence for Automatic Learning** with the below papers.

In the first paper, “**Formal Verification of DNN for Safety of Robotics Operation**,” the authors stated that deep neural networks have complex structures and opacity that pose risks when they’re used in practical settings. To address this problem the FV challenge has been broadened to include a counting version, known as #DNNVerification, aimed at determining the number of unsafe areas within a specified safety property’s area. The authors draw inspiration from recent developments in FV and introduce a new approach that combines reachability analysis with Symbolic Linear Relaxation and parallel computing.

In the following paper, “**Design of Digital Guidance System Based on Visual Communication of City Information**,” the authors for designing cities provided an excellent guide system. They used more advanced information technologies and B/S architecture to design a set of city vision transmission digital guidance systems. They produced a better information interaction model intended from the new angle of visual transmission of urban information.

In the last paper, “**Significance of the Analysis of the Weight Impact of Urban Sports Services Based on Fuzzy Evaluation**,” the authors have constructed an evaluation system for urban sports services, including sports facilities, sports activities, sports training, sports guidance, and other aspects. They used the fuzzy mathematics method to evaluate each aspect’s weight. For this research, they considered the factors such as professionalism, timeliness, effectiveness, and personalization of guidance.

We hope these papers mark incremental research.

Editors