Editorial

We are pleased to release the first issue of the second volume of **Digital Signal Processing** with the below described four research items.

In the first paper on "**Comparative of Algorithms for Solving the Capacity Vehicle Routing Problem,**" the authors *Jesus Carmona-Frausto, Adriana Mexicano-Santoyo, Salvador Cervantes-Alvarez,* and *Pascual Montes-Dorante* made a comparative study of five algorithms to solve the Capacity Vehicles Routing Problem (CVRP). The authors have tested the k-Nearest Neighbor (kNN) algorithm used by the searchers for the Hamiltonian Cycle and the other is a Genetic algorithm. The authors found that the genetic algorithm proves to find a shorter path and to be closer to the optimal values of the tested dataset, but on the contrary, it takes a little longer. They also found that the Tabu Search shows similar behaviour to the Genetic algorithm but results were achieved in the shortest time than the Genetic.

In the next paper on "**Signal processing models with high-sensitivity hall plates**", the authors designed hall plates with high sensitivity. They have used a block with a main second-order switch capacitor and filter for better signal processing.

In the third paper on "**Reliability of the linear characteristics while measuring magnetic fields**" the authors used an indirect contactless model for measuring the magnetic field by developing a flow through a conductor electrical current. We found that the contactless measurements have high sensitivity and wide frequency with high reliability.

We hope these papers are novel in their approaches in digital signal processing.

Editors