Editorial

We release the first issue of this volume of the Journal of Electronic Systems with the below papers.

In the opening paper, "***Use of wavelet spectrum for digital image compression***," the authors presented a new method for digital image compression. They used a heuristic - based dynamic voltage and frequency scaling algorithm to conduct a power consumption analysis for real-time fault-tolerant systems. During experimentation, the authors achieved higher compression ratios at higher image quality levels than some popular algorithms from the practice.

In the next paper, "***Fault Tolerant Power Consumption Analysis Measures in Intelligent Systems***," the authors studied the power consumption for fault-tolerant real-time systems. They observed the real-time systems where fault tolerance is reached by repeatedly running a task affected by the transient fault with time redundancy. During experimentation, they found that this algorithm can be used successfully for power consumption based on fault tolerance analysis.

In the last paper, "***Visualizing the 2D weather products using a Marching Squares approach***," the authors described an effective way to visualize 2D weather products using a Marching Squares approach. They studied the possibility of extracting both isoline and color-filled iso-areas. With the help of the real-world temperature, they validated their approach.

We are confident that these papers are interesting to read.

Editors