

## **Editorial**

We are pleased to release the third issue of the first volume of the **Digital Signal Processing** journal with the below research.

In the first paper on “**Current Instrument Transformers in MATLAB program Modelling**”, the authors studied the processes in the current instrument transformers. They have utilized the MATLAB program for modelling the current instrument transformers to model the CIT in MATLAB with the help of the available parameters and measurements.

In the next paper on “**Solar Energy models for creating energy conversion designs**”, the authors have used many types of photovoltaic models for conversion of energy derived from sunlight into electricity. They have used the renewable energy systems which help to achieve the environmental balance.

In the last paper on “**Approximate non-linear models for autotransformers and switching**”, the authors have viewed that the Alternative Current voltages have discrete regulation and the regulation is achieved by power electronic converters based on autotransformers and switching. During the experimentation they found that these regulators have changed to approximated non-linear models with change of input voltage and various angles in the semiconductor switches.

We will come out with more research in the next issue.

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