

Editorial

We bring the last issue of the first volume of the **Digital Signal Processing** journal with the below explained papers.

In the first paper on “**Framing Simulink block diagrams using bond graphs**”, the authors built a network of several nodes in the circuits with many cascades which are interconnected. The authors have introduced the simple model of simulation cascades which are linked in the circuits.

In the second paper on “**Moving manipulator unit for welding robots**”, the authors created a system for positioning of the welding head using a few input parameters which are then described. The authors emphasized that in the creation of welding robots, the movement of manipulator unit is important.

In the third paper on “**Single mode optical fibre pattern for signal processing**”, the authors found some problems in the digital signal processing with the single mode optical fibre system. The authors have identified the issues and benefits of the client-server architecture design for optical communication lines. The developed application has potential in the small level systems, the authors observed.

In the last paper on “**Adaptive Differential Evolution with Optional External Archive**”, the authors developed the Adaptive Differential Evolution with Optional External Archive, using the Compute Unified Device Architecture. The proposed algorithm is experimented by the authors with Sphere and presented the organization of the run-time. The benefit is the use of massive data and the better performance of the results.

We hope that the published research in this issue is significant.

Editors