

## Editorial

We release the first issue of the thirteenth volume of the **Progress in Signals and Telecommunication Engineering** with the below research.

In the first paper, “**Minimum-cost subgraph satisfying the connectivity requirement,**” the authors studied the incorporation of uncertainty in the feasible set. Most existing models of robust network design assume uniform scenario sets, the authors claim. Their algorithm combines combinatorial and LP-based techniques. They advocated that their methods are suitable for solving other robust problems in planar graphs.

The next paper, “**The generalisation of Cutler and Shiloah’s algorithm for routing,**” generalized Cutler and Shiloah’s algorithm for routing with well-separated destinations. They provided an  $O(n^{1/4} \cdot \log n)$  approximation algorithm for NDP on grids and gave the APX-hardness proof.

In the last paper, “**Study of Natural Optimization Issues in Maximum Constraints,**” the authors found an assignment to all the variables that satisfy as many constraints as possible. They focused on the case where each constraint depends on exactly  $k = 2$  variables and the large alphabet size. Ultimately, they studied the hardness of approximation and multi-prover games.

We hope these papers are interesting to read.

## Editors