

Editorial

We present the first issue of this volume of the **Progress in Signals and Telecommunication Engineering**.

In the first paper on “**Various processes in the converter resonant tank circuits**” have discussed the bidirectional series resonant DC-DC converter which has more resonant frequency. The authors have presented the processes in the converter resonant tank circuit on the basis of well-known analytical models and defined their coefficients.

In the next paper on “**Analytical modelling of the resonant tank circuit converters**”, the authors have analysed the resonant DC-DC converter. Further they have introduced the determination of the main converter quantities on the basis of a well-known analytical modelling of the resonant tank circuit processes.

In the last paper on “**Issues and characteristics of the amplifiers and shorter channel length**”, the authors have discussed the three versions of a current amplifier and each of them is realized with FETs having different channel length: During the testing process they have analysed the possibilities of the issues of the shorter channels length.

We hope that these papers can generate more interest in the signal processing.

Editors