Editorial

We present this issue with the below papers.

In the first paper on "**Fast Synthesis of High Order Microwave Filters by Coupling Matrix Optimization**", the authors presented an optimization method for the synthesis of generalized high-order microwave filters with arbitrary topology. The synthesis procedure they used converges very fast as for an initial point, a vector based on the Chebyshev all pole filter for the same degree of the filter.
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In the second paper on "**Control of Radiation Directivity Applying Independent Element Dodecahedral Loudspeaker**", the authors proposed special sound sources that consist of an independent element loudspeaker array. In the paper, they analyzed sound sources for loudspeaker arrays in the form of dodecahedrons.

In the last paper on "**Digital Bandpass IIR Filers with High Selectivity",** the authors proposed an optimal third-degree polynomial approximating Kronecker's delta function with high precision. The authors claimed that an IIR filter with 5(6) multipliers, a very narrow passband, and a high stopband attenuation can be designed with the proposed method.

We will bring more research in the next issue.

Editors