

Editorial

We publish the second issue of the ninth volume of the **Transactions on Machine Design** with the below research.

In the first paper on “**A filter design of the smaller one of the hairpin defected ground structure resonator**”, the authorshave prepared a filter design of the smaller one of the hairpin defected ground structure resonator. We performed an example filter design to verify the synthesis procedure.

In the second paper on “**A design for a microstrip filter with the help of the Advanced Design System package**”, the authors have made a design for a microstrip filter with the help of the Advanced Design System package. They have we have compared the fabricated filter and the virtually designed one.

In the last paper on “**Magnetic scalar potential of the point charge for bi-isotropic material**”, the authors have prepared bi-isotropic material of Tellegen type for which the expressions for both electric and magnetic scalar potential are used. This present a contribution to the electromagnetic analysis of bi-isotropic materials and we have tested the design.

We hope the papers are interesting to read.

Editors