

Ural Radio Engineering Journal**2022, Vol. 6, No. 1****CONTENTS**

<i>Editorial</i>	9
<i>Noskov V.Ya., Ivanov V.E., Gusev A.V., Ignatov K.A., Knyazev S.T., Kudinov S.I., Malygin I.V., Plokhikh O.V., Ponomarev O.P., Chernykh O.A.</i> Application of autodynes in advanced systems of atmosphere radar sensing	11
<i>Chechetkin V.A., Shabunin S.N., Korotkov A.N.</i> Influence of the radius of a perfectly conducting cylinder on the radiation pattern of a patch antenna	54
<i>Korenev A.V., Goshin G.G.</i> The modified quarter-wavelength resonator method for parameters control of the coaxial connector dielectric beads	67
<i>Taha A.M., Shabunin S.N.</i> Compact periodic leaky-wave microstrip antenna with periodic short circuits and forward-to-backward scanning capability	82
<i>Weber V. I., Kuprits V.Y., Mescheryakov A.A., Kuprits M.V.</i> Recognition of ground objects on a radar image using convolutional neural network	93
<i>Publication Requirements for Articles Submitted to <i>Ural Radio Engineering Journal</i></i>	102
<i>Publication Ethics</i>	108
<i>Article Submission Guidelines</i>	116