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
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**On an Application of the Hardy Classes to the Riemann Zeta-Function**

K. Ilgar EROĞLU
Department of Mathematics,
Bilkent University,
06533 Bilkent, Ankara-TURKEY
Iossif V. OSTROVSKII
Department of Mathematics,
Bilkent University,
06533 Bilkent, Ankara-TURKEY

**Abstract:** We show that the function $f(z) := \frac{z}{1-z} \zeta(\frac{1}{1-z})$, $|z| < 1$, belongs to the Hardy class $H_p$ if and only if $0 < p < 1$.

**Key Words:** Riemann zeta-function, Hardy class, Poisson representation

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