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

of

Mathematics

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Abstract: We show that the function $f(z) := \frac{z}{1-z} \zeta\left(\frac{1}{1-z}\right)$, $|z| < 1$, 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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