- Title : The universality theorem for Hecke L-functions
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• Abstract

Since Voronin proved the Universality theorem for the Riemann zeta function, it was generalized to various *L*-functions. For example, the universality theorem for the Hecke *L*-functions attached to the ray class characters was proved on the strip $\max\{\frac{1}{2}, 1 - \frac{1}{d}\} < \operatorname{Re} s < 1$ for $d = [K : \mathbb{Q}]$. In this paper, we enlarge it to the maximal strip $\frac{1}{2} < \operatorname{Re} s < 1$ under the assumption about the number of zeros inside the strip. As a consequence, we prove the Universality theorem for Dedekind zeta functions for K/\mathbb{Q} finite abelian, unconditionally.