

# The uniqueness theorem for Dirichlet series

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## Abstract

For Dirichlet Series  $F(s) = \sum_{n=1}^{\infty} a_n e^{\lambda_n s}$ ,  $0 < \lambda_n \uparrow \infty$ , ( $s = \sigma + it$ ),

which are absolutely convergent on the whole plane, we prove an uniqueness theorem which generalizes some well-known results of Macintyre [1] and Evgrafov [2].

## References

1. Macintyre A. J. *Asymptotic paths of integral functions with gap power series*, Proc. London Math. Soc. (3) **2**, (1952) 286–296.
2. Evgrafov M. A. *On a uniqueness theorem for Dirichlet Series* (Russian) Uspehi Mat. Nauk **17** (1962) no. 3 (105), 169–175.