

Lee A. Rubel
UNIVERSITY OF ILLINOIS
DEPARTMENT OF MATHEMATICS
URBANA, ILLINOIS



UAB
Biblioteca de Ciències
i d'Enginyeries

fundació FERRAN SUNYER I BALAGUER

February 3, 1966

Professor F. Sunyer i Balaguer
Calle Angel Guimera 66 pral. 2^o
Barcelona 17, Spain

Dear Professor Balaguer:

I am writing a review of the paper by Q.I. Rahman, "On entire functions defined by a Dirichlet series", Proc. Amer. Math. Soc. 10 (1959) 213-215, and am having some difficulties because of the several errors and omissions it contains.

Professor Rahman wrote me that you have a paper, about to appear in the same journal, that deals in part with these errors and omissions. Would you do me the great favor of sending me a short description of the part of your paper that concerns Rahman's work?

As you undoubtedly know, the proofs of Theorem 1 and the second part of Theorem 2 contain a serious gap, but the results seem plausible nevertheless. Have you found either a proof or a counterexample for them? Professor Rahman wrote me that you have also observed that $T_S \geq e^{-\pi p a} T$ can be easily strengthened to $T_S \geq T$.

I would be grateful for any answer you can send me.

Sincerely yours,
Lee A. Rubel