



HAL
open science

Addendum and corrigendum to my paper - "One more proof of Siegel's theorem"

K Ramachandra

► **To cite this version:**

K Ramachandra. Addendum and corrigendum to my paper - "One more proof of Siegel's theorem". Hardy-Ramanujan Journal, 1981, supplement, Volume 4 - 1981, pp.12. 10.46298/hrj.1981.94. hal-01104143

HAL Id: hal-01104143

<https://hal.science/hal-01104143>

Submitted on 16 Jan 2015

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

**ADDENDUM AND CORRIGENDUM
TO MY PAPER
"ONE MORE PROOF OF SIEGEL'S THEOREM"**

By K. RAMACHANDRA

In Volume 3 (Hardy-Ramanujan Journal (1980), 25-40) I published the paper cited above. In § 1 of this paper please note the following minor corrections :

- 1) In lemma 3 **delete** "Hence $L(1, \chi_1) \neq 0$ "
- 2) Before lemma 3 **add** "we remark that $L(1, \chi_1) \neq 0$ follows by putting $s = \frac{1}{2}$ in the first equation of lemma 2 and using $\sum_{d|n} \chi_1(d)$ is always non negative and is different from zero wherever n is a square."

The assertions of the theorems in the paper remain unaltered.

This manuscript was prepared on 15th June 1981.

*School of Mathematics
Tata Institute of Fundamental Research
Homi Bhabha Road
Bombay 400 005
India.*