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Fundació Ferran Sunyer i Balaguer

Prof. P.Kr. Kamthan
Post-Graduate Studies, (Eve.)
University of Delhi
Delhi - 6
India

Dear Professor Kamthan,

Thank, you for your letter enclosing an Ms.

The reprints of your paper published in Collectanea Mathematica were sent to your former address: Deptt. of Maths, Ramjas College University of Delhi, Delhi - 6. Moreover the journal sent them by ordinary post and so it is not strange that they have still not arrived. As requested I have sent you three reprints by air-mail.

With reference to your grant for coming here I still know nothing further. However a friend of mine is going to Madrid later this month and he will try to obtain, at least, a definite reply one way or another.

Regarding the proof of the theorem of your paper "MEAN VALUES OF ENTIRE FUNCTIONS (III)" there exist some oversights. In the first place the (3.9) ought to be written

$$\frac{m(R)}{k+1} \log \left(\frac{R}{r} \right)^{k+1} = 3 + o(1)$$

Moreover the (3.10) is not true since from (3.9) it follows $(r/R) \rightarrow 1$ and therefore

$$2 \left[\frac{r}{R} + \frac{1}{2} \left(\frac{r}{R} \right)^2 + \dots \right] \rightarrow \infty$$

and this invalidates the proof. (the series $\sum_{n=1}^{\infty} \frac{x^n}{n}$ is not uniformly

convergent for $|x| < 1$, it is only uniformly convergent if $|x| \leq \theta < 1$, where θ is a constant such that $0 < \theta < 1$ but arbitrary otherwise

Referring to your paper for the journal "Rev. Mat. Hispano Americana" I sent it with a favourable report, and so I suppose it



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will be accepted. As soon as I know I will write you

With kindest regards

Yours sincerely

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