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Dear Professor Kamthan,

Thank you for your letter of 23 ult. I am sorry to say that the previous letter you mention never reached me.

Regarding theorem 2 of your paper "MEAN VALUES OF ENTIRE FUNCTIONS (II)" I think that besides the small error pointed out in your letter there exists an oversight that modifies the result. On the one hand the functions $m_{\delta,k}(r)$ of Rahman [1] and $\mathcal{M}_{\delta,k}(r)$ of Rahman [2] are different, and according to the definition in your paper (p.(i)) you consider the $\mathcal{M}_{\delta,k}(r)$ of Rahman [2]. Hence from

$$[\mu_\delta(r;f^{(1)})]^{1/\delta} \geq \lim_{\varepsilon\to 0} \frac{\{\mu_\delta(r)\}^{1/\delta} - \{\mu_\delta(r-\varepsilon r)\}^{1/\delta}}{\varepsilon r}$$

it follows that

$$\mathcal{M}_{\delta,k}(r,f^{(1)}) \geq \lim_{\varepsilon\to 0} \frac{\mathcal{M}_{\delta,k-1}(r) - \mathcal{M}_{\delta,k-1}(r-\varepsilon r)}{\varepsilon r}$$

and since for $r > r_0$

$$\frac{\log \mathcal{M}_{\delta,k-1}(r)}{\log r}$$

is a positive increasing function, it follows that

$$\mathcal{M}_{\delta,k}(r,f^{(1)}) \geq \frac{\mathcal{M}_{\delta,k-1}(r)\log \mathcal{M}_{\delta,k-1}(r)}{r\log r}$$

Reasoning on $m_{\delta,k}(r)$ of Rahman [1] as you do

it results

$$m_{\delta,k}(r,f^{(1)}) \geq m_{\delta,k-\delta}(r) \left[\frac{\log m_{\delta+k-\delta}(r)}{\delta r \log r} \right]^{\delta}$$

as in your theorem 2, but for $m_{\delta,k}(r)$ of Rahman [1], no for $m_{\delta,k}(r)$ of Rahman [2]. (see also M. Srivastava [5] lema 1)

In consequence I am returning your paper in case you may think fit to make some changes.

On the other hand your first paper sent to me for publication in"Collectanea Mathematica" will appear in the next number shortly to be published. We will, of course send you the reprints.

I still do not know the result of my efforts to obtain for you a scholarship but I will try again to get some definite decision.

With kind regards,

yours sincerely