

13 OCT 1949

Magdalen College

Oxford

Gt. Britain

8th Sept. 1949

Dear Professor Krishnan,

I have just seen your interesting
paper

"On the equivalence of certain infinite
series to the corresponding integrals"

in J. Indian Math. Soc.,

& would appreciate an off print, if you
can spare one.

I touched on a very similar topic
myself a few years ago:

- On a summation formula associated
with finite trigonometric integrals -

Quart. J. of Math. (Oxford),

13 (1942), 172-184.

2.

but I was unaware until your work that the formulæ was considering would prove to be of practical application: it's very encouraging that this should be so!

I am sorry I cannot send you a copy of my paper - I have none left. But I think it would interest you because I also proved that [with certain restrictions] we cannot have

$$\alpha \int_{-\infty}^{\infty} f(\ln \alpha) = \int_{-\infty}^{\infty} f(x) dx$$

for all $\alpha \leq \alpha_0$

unless $F_c(t)$ vanishes for all sufficiently large t .

With kind regards,

Yours sincerely
David G. Kendall
KENDALL