

Divergence of Fourier series: Corrigenda

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The authors regret that the following corrections need to be made to their paper [1].

- p. 293, l. 2 delete the factor $\frac{1}{2}$.
- p. 294, l. 6 replace the denominator $2\pi l$ by πl .
- p. 295, l. -4 replace $\frac{1}{\pi n}$ by $\frac{1}{n}$ and R''_n by R''_k .
- p. 295, l. -3 replace $\frac{1}{\pi n}$ by $\frac{1}{n}$.
- p. 296, l. 2 replace $\frac{-1}{2\pi}$ by $\frac{-1}{\pi}$.
- p. 296, l. 3 multiply the sum by 2 .
- p. 296, l. 4, 5 replace $\frac{n+1/2}{2\pi}$ by $\frac{n+1/2}{\pi}$.
- p. 296, l. 10-11 replace these two lines by

$$\frac{1}{n} U'_{N-1} = \lim_{M \rightarrow \infty} \frac{n+1/2}{n\pi} \int d\omega \int_{1/2}^M d\lambda ,$$

where the integrand and the limits of the first integration remain the same.

- p. 297, l. 1, 3, 5 multiply the integrals by $\frac{1}{\pi}$.
- p. 297, l. 10 replace $\frac{1}{2\pi k}$ by $\frac{1}{\pi k}$.
- p. 297, l. 11 replace $\frac{1}{4\pi k}$ by $\frac{1}{2\pi k}$.
- p. 297, l. 12, 13 replace $\frac{1}{4\pi}$ by $\frac{1}{2\pi}$.
- p. 297, l. -3, -2 multiply the sums by 2 .

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- p. 298, l. 10 replace $\frac{1}{n}$ on the right hand side by $\frac{2}{\pi n}$.
- p. 298, l. 12, 13 replace $\frac{\pi}{2n}$ by $\frac{2}{n}$.
- p. 298, l. -3 replace $\frac{1}{2n}$ by $\frac{2}{n}$.
- p. 299, l. 1 replace $\frac{1}{2n}$ by $\frac{2}{n}$.

Reference

- [1] Masako Izumi and Shin-ichi Izumi, "Divergence of Fourier series",
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