

Error bounds in the approximation of functions: Corrigenda and an acknowledgement

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The following corrections should be made in the authors' paper [2]:

Replace p. 12, line 4 by $\|f-N_n\|_p = O(1/n^\alpha)$,
 14, 2 $\|f-\sigma_n^{(\delta)}\|_p = O(1/n^{\alpha-1/p})$,
 14, 11 $\|f-N_n\|_p = O(1/n^\alpha)$,
 16, 3 $\|f-\sigma_n^{(\delta)}\|_p = O(1/n^{\alpha-1/p})$,
 17, 8 $\|f-N_n\|_p = O(1/n^{\alpha-1/p})$.

The authors' theorems are contained as special cases in [1], Theorem 1.

References

- [1] Shin-ichi Izumi, "Notes on Fourier analysis (XXI): On the degree of approximation of the partial sums of a Fourier series", *J. London Math. Soc.* 25 (1950), 240-242.
- [2] Badri N. Sahney and V. Venu Gopal Rao, "Error bounds in the approximation of functions", *Bull. Austral. Math. Soc.* 6 (1972), 11-18.

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