Correction

| | Printed | Should read |

1958

SovietRxiv

Abstract

Full Text

Correction

In the article by I. I. Ogiyevetsky, "On the theory of fractional differentiation and integration of periodic functions belonging to the class $L_p,\ p > 1$," published in *DAN*, vol. 118, no. 3, 1958.

	Printed	Should read
p. 444, line 6 from below	$O(1 - n^{1-\alpha})$	$O(1/n^{1-\alpha})$
p. 445, line 10	$0 < 1 + \beta - \gamma < 1$	$0 < 1 + \beta + \delta - \gamma < 1$
p. 445, line 18	$(f_\gamma)_\delta \subset$ $\mathrm{Lip}(1 - \beta - \gamma - \delta,\ p)$	$(f^\gamma)_\delta \subset$ $\mathrm{Lip}(1 - \beta - \gamma + \delta,\ p)$
p. 445, line 20	$\alpha + \beta - \frac{1}{p} - \frac{p}{p'} = 1$	$\alpha + \beta - \frac{1}{p} + \frac{1}{p'} = 1$
p. 446, line 21	$f_\beta(x) \subset$ $\mathrm{Lip}\left(1 + \beta - \frac{1}{p} - \frac{1}{p'},\ p'\right)$	$f_\beta(x) \subset$ $\mathrm{Lip}\left(1 + \beta - \frac{1}{p} + \frac{1}{p'},\ p'\right)$
p. 446, line 23	$\beta = \frac{1}{p} + \frac{1}{p'}$	$\beta = \frac{1}{p} - \frac{1}{p'}$
p. 446, line 24	$\alpha - \gamma - \frac{1}{p} + \frac{1}{p'} = 0$	$\alpha - \gamma - \frac{1}{p} + \frac{1}{p'} > 0$

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Note: Figure translations are in progress. See original paper for figures.