**Erratum to our paper
On the divergence of Fourier series
of functions in several variables
DOI: 10.1007/s10476-013-0301-1**

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Received October 16, 2015.

Abstract. We correct some errors and typos in our paper.

In our paper On the divergence of Fourier series of functions in several variables, *Analysis Math.*, **39**(2013), 163–178, we have noticed some errors after publication. The respective corrections are given below.

1. The last sentence of the abstract should read as: “For instance, for any $\varepsilon \in (0, 2)$ and a given complete orthonormal system there exists a function in $k > \frac{2(2-\varepsilon)}{\varepsilon}$ variables, having all the continuous partial derivatives of the first order, however, the series of absolute values of its coefficients with respect to the above system diverges in power $2 - \varepsilon$.”

2. In the Russian summary the last sentence should read as: “Например, для любого $\varepsilon \in (0, 2)$ и любой полной ортонормированной системы существует функция $k > \frac{2(2-\varepsilon)}{\varepsilon}$ переменных, имеющая все непрерывные частные производные первого порядка, однако ряд абсолютных значений ее коэффициентов относительно указанной системы расходится в степени $2 - \varepsilon$.”

3. Theorem 5 should begin as: “Let $0 < \varepsilon < 2$ be an arbitrary number and let $(\varphi_n(x))$ be a given complete ONS on D_k . Then there exists a

function $f_0(X)$ of k variables, $k \geq \frac{2(2-\varepsilon)}{\varepsilon}$, which has all the continuous partial derivatives of the first order, however, we have ...”

4. p. 164 (line 11 from below): the sign “ $-$ ” is omitted.
5. p. 166 (line 6 from above): instead of $-h^\alpha h^\alpha$ there should be $-h^\alpha - h^\alpha$.
6. p. 168 (line 7 from above): m and m_0 must be replaced by n and n_0 and at the end of the line there must be $2^k 2^{-n_0 \alpha}$.
7. p. 173 (the last line): in the upper index of the intersection instead of m there should be k .
8. p. 175 (line 4 from above): instead of $m^{-1} n_1^{-1}$ there should be $m^{-1} \prod_{i=1}^k n_i^{-1}$.
9. p. 175 (line 7 from above): instead of n_i^{-2} there should be $m^{-1} \prod_{i=1}^k n_i^{-2}$.
10. p. 175 (the last line): instead of 2^{-2m} there should be 2^{-2mk} .
11. p. 177 (line 11 from above): instead of $B = \{f_1, f_2, \dots, f_l\}$, $1 \leq l \leq k$ there should be $B = \{j_1, j_2, \dots, j_l\}$, $1 \leq l \leq k$.
12. p. 177 (line 12 from above): instead of n_j there should be n_{j_i} .