

Typographical errors in: Bounded law of the iterated logarithm for discrepancies of permutations of lacunary sequences

By

Katusi FUKUYAMA* and Yusaku MITSUHATA**

On 4th line of 80th page, we can find the definition

$$\tilde{\varphi}_{\varepsilon(L+1), \dots, \varepsilon(h)}(x) = \varphi_{\varepsilon(L+1), \dots, \varepsilon(h)}(\langle x \rangle) - 2^{-h} \quad (\varphi = \rho, \sigma).$$

It should be replaced by

$$\begin{aligned} \tilde{\rho}_{\varepsilon(L+1), \dots, \varepsilon(h)}(x) &= \varphi_{\varepsilon(L+1), \dots, \varepsilon(h)}(\langle x \rangle) - 2^{-h} \varepsilon(h) \\ \tilde{\sigma}_{\varepsilon(L+1), \dots, \varepsilon(h)}(x) &= \varphi_{\varepsilon(L+1), \dots, \varepsilon(h)}(\langle x \rangle) - 2^{-h} \end{aligned}$$

2000 Mathematics Subject Classification(s): 2000 Mathematics Subject Classification(s):11K38, 42A55, 60F15

Key Words: discrepancy, lacunary sequence, law of the iterated logarithm

Supported by KAKENHI 19204008 and 21340027.

*Kobe University, Rokko, Kobe, 657-8501, Japan.

e-mail: fukuyama@math.kobe-u.ac.jp

**Kobe University, Rokko, Kobe, 657-8501, Japan.