Aequationes Mathematicae

CrossMark

Correction

Correction to: A probabilistic note on the Cauchy functional equation

Sergey N. Smirnov

Correction to: Aequat. Math.
        https://doi.org/10.1007/s00010-018-0575-2

A formally correct expression at the end of Section 2 is, however, of awkward form, being not what was intended (due to my inattentiveness) and it may confuse a careful reader. The right form of this expression should be written with modules, so that the end of Section 2 should be the following:
this obviously implies local integrability, as X' has a finite expectation

$$\mathbb{E}|X'| = \mathbb{E}|f(X)| = \frac{1}{\sqrt{2\pi}} \int\limits_{-\infty}^{\infty} |f(x)|e^{-x^2/2}dx < \infty.$$

Please accept my excuses.

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Sergey N. Smirnov
Lomonosov Moscow State University
Leninskie Gory 1/52
Moscow
Russia 119991
e-mail: s.n.smirnov@gmail.com

Birkhäuser