Correction

Correction to: Embeddability of pairs of weighted quasi-arithmetic means into a semiflow

DOROTA GŁAZOWSKA, JUSTYNA JARCZYK, AND WITOLD JARCZYK

Abstract. A dumb mistake in the formulation of Theorem 6 has been corrected.

Mathematics Subject Classification. Primary 26A18, 26E60, 39B12.

Keywords. Semiflow, Continuous iteration semigroup, Embeddability, Iterability, Iterative root, Weighted quasi-arithmetic mean.

Correction to: Aequat. Math. 94 (2020), 679–687

<https://doi.org/10.1007/s00010-019-00674-5>

We made a simple but near-fatal mistake in the statement of Theorem 6. Namely instead of the assumption “ $F(\cdot, t)$ is continuous for each $t \in (0, +\infty)$ ” there should be written “ $F((x, y), \cdot)$ is continuous for each $(x, y) \in I^2$ ”. Consequently, the proper formulation of the theorem is as follows:

Theorem 6. *Let $F : I^2 \times (0, +\infty) \rightarrow I^2$ be a function such that $F((x, y), \cdot)$ is continuous for each $(x, y) \in I^2$. The function F is a continuous semiflow of pairs of weighted quasi-arithmetic means if and only if there exist a function $f \in \mathcal{CM}(I)$ and numbers $p, q \in (0, 1)$ such that $p \geq q$ and*

$$F(\cdot, t) = \left(A_{\mu(t)}^f, A_{\nu(t)}^f \right), \quad t \in (0, +\infty),$$

where the functions $\mu, \nu : (0, +\infty) \rightarrow (0, 1)$ are given by (9).

The original article can be found online at <https://doi.org/10.1007/s00010-019-00674-5>.

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Dorota Głazowska and Justyna Jarczyk
Faculty of Mathematics, Computer Science and Econometrics
University of Zielona Góra
Szafrana 4a
65-516 Zielona Góra
Poland
e-mail: d.glazowska@wmie.uz.zgora.pl

Justyna Jarczyk
e-mail: j.jarczyk@wmie.uz.zgora.pl

Witold Jarczyk
Institute of Mathematics and Informatics
The John Paul II Catholic University of Lublin
Konstantynów 1h
20-708 Lublin
Poland
e-mail: w.jarczyk@wmie.uz.zgora.pl