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Addendum

Addendum to “Almost automorphic solutions of dynamic equations on time scales” [J. Funct. Anal. 265 (10) (2013) 2267–2311]



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ABSTRACT

In this note, we fix some misprints in the paper of Lizama and Mesquita (2013) [2].

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1. Introduction

After publication of the paper [2], several interesting consequences and applications have been derived, see for example [1,4].

However, it has been pointed out to the authors in either private communications or in some papers, that there are a few shortcomings that deserves to be elucidated. Even when they can be easily observed in a careful reading, see e.g. [4, Remark 32], in this addendum we want to make clear these misprints.

The following updates solve these inaccuracies.

- [2, Example 3.9 and Corollary 6.8]: Add $a, b > 0$.
- [2, Example 3.10]: For $t = k(a + \cos a) + a$, change $\sigma(t) = t + \cos t$ and $\mu(t) = \cos t$ by $\sigma(t) = t + \cos a$ and $\mu(t) = \cos a$, respectively.
- [2, Example 3.11]: For $t = k(a + \cos a) + a$, change $\sigma(t) = t + \sin t$ and $\mu(t) = \sin t$ by $\sigma(t) = t + \sin a$ and $\mu(t) = \sin a$, respectively.
- [2, Corollary 5.11]: Change $(I + (\cos t)A(t))$ by $(I + (\cos a)A(t))$ and $\{(I + (\cos t)A(t))^{-1}\}_{t \in \mathbb{P}_{a, \cos a}}$ by $\{(I + (\cos a)A(t))^{-1}\}_{t \in \mathbb{P}_{a, \cos a}}$, respectively.
- [2, Theorem 3.16 (iii)]: Change \mathbb{T} by \mathbb{I} . Cf. also [4, Remark 32, (i)].
- [2, Theorem 3.16 (iv)]: Add *where \mathbb{T} is symmetric*. Cf. also [4, Remark 32, (ii)].
- Proof of [2, Theorem 6.3, page 2301]: Delete the last inequality of this page, that is, “ $< \|z - y\|_\infty$ ”.

We also remark that in between some results have been refined. For instance, see [3, Corollary 3.8] that improves [2, Theorem 3.4].

References

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