Addendum

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

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A R T I C L E   I N F O

A B S T R A C T

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 Π. 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

[1] Y. Li, L. Yang, Almost automorphic solution for neutral type high-order Hopfield neural networks with delays in leakage terms on time scales, Appl. Math. Comput. 242 (2014) 679–693.
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[3] C. Lizama, J.G. Mesquita, R. Ponce, A connection between almost periodic functions defined on timescales and **R**, Appl. Anal. 93 (12) (2014) 2547–2558.
[4] G. Mophou, G.M. N'Guérékata, A. Milce, Almost automorphic functions of order n and applications to dynamic equations on time scales, Discrete Dyn. Nat. Soc. 2014 (2014), Article number 410210.