

On the almost automorphy of bounded solutions of differential equations with piecewise constant argument

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Abstract: In this paper we give sufficient spectral conditions for the almost automorphy of bounded solutions to differential equations with piecewise constant argument of the form $x'(t) = A x([t]) + f(t)$, $t \in \mathbb{R}$, where A is a bounded linear operator in X and f is an X -valued almost automorphic function. © 2006 Elsevier Inc. All rights reserved.

Author Keywords: Almost automorphic solutions; Differential equation piecewise constant argument

Year: 2007

Source title: Journal of Mathematical Analysis and Applications

Volume: 326

Issue: 1

Page : 165-178

Cited by: 5

Link: Scopus Link

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ISSN: 0022247X

DOI: 10.1016/j.jmaa.2006.02.079

Language of Original Document: English

Abbreviated Source Title: Journal of Mathematical Analysis and Applications

Document Type: Article

Source: Scopus

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