

# Almost-periodic functions in abstract spaces

Pitman Advanced - Almost Periodic and Almost Automorphic Functions in Abstract Spaces

Description: -

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Voice (Philosophy)

Phenomenology.

Revelation.

Hidden God.

Theodicy.

Death -- Religious aspects.

Suffering -- Religious aspects.

Bible -- Theology.

Southwest, New.

Prospecting -- History.

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Silver mines and mining -- Southwest, New -- Legends.

Mines and mineral resources -- Southwest, New.

Legends -- Southwest, New.

Adriatic Sea.

City planning -- Scotland -- Edinburgh.

Sampling (Statistics)

Telepathy

United States -- Claims

Bills, Private -- United States

United States. -- Congress -- Private bills

Fiction in English.

Differential equations.

Vector valued functions. Almost-periodic functions in abstract spaces

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Research notes in mathematics -- 126 Almost-periodic functions in abstract spaces

Notes: Bibliography, p121-123. - Includes index.

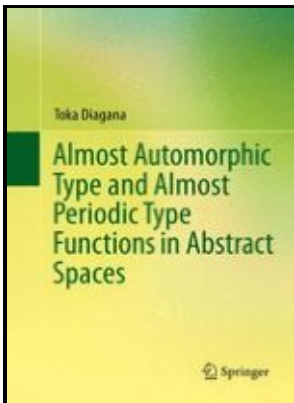
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Tags: #Almost #Automorphic #and  
#Almost #Periodic #Functions #in  
#Abstract #Spaces

**CiteSeerX — SPACES OF ALMOST PERIODIC FUNCTIONS**

Let be any positive integer such that as.

**Almost Automorphic Type and Almost Periodic Type Functions in Abstract**



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Spaces

In order to prove the second affirmation, notice that since. Note that by Lemma 3. We shall examine almost periodicity with respect to all variables.

## Almost Automorphic and Almost Periodic Functions in Abstract Spaces

If additionally the particular solution is uniformly asymptotically stable, we prove the existence of a periodic solution. Furthermore, the limits sequence is also an almost periodic sequence.

**Almost Automorphic and Almost Periodic Functions in Abstract Spaces: N'Guĩrĩkũkata, Gaston M.: 9780306466861: spaceneb.us.to: Books**

Then by Axiom A iii and hypothesis we have 4. Suppose that Axiom C is true, and that is an a. Neither Project Euclid nor the owners and publishers of the content make, and they explicitly disclaim, any express or implied representations or warranties of any kind, including, without limitation, representations and warranties as to the functionality of the translation feature or the accuracy or completeness of the translations.

## Almost Periodic and Almost Automorphic Functions in Abstract Spaces

Since , we have for , which implies that 1. Let , and notice that is a solution of 1. Using same technique as in the proof of Theorem 4.

## **Almost Automorphic and Almost Periodic Functions in Abstract Spaces**

As usual, we denote by  $\mathbb{Z}$ ,  $\mathbb{N}$ , and  $\mathbb{N}_0$  the set of all integers, the set of all nonnegative integers, and the set of all nonpositive integers, respectively.

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