

almost automorphic and almost pdf

almost periodic, almost automorphic, and pseudo-almost periodic functions as well as their applications to abstract differential equations. In recent years, various generalizations of the above classes of functions have been introduced in the math-

Spaces Periodic Type Type and Almost Almost Automorphic

almost automorphic solutions are the right class for almost periodic systems. Second, the appearance of almost automorphic dynamics indicates a major difference between a periodic system and an almost periodic one.

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of almost automorphic and almost periodic functions (in the sense of S. Bochner) with values in an abstract space and its applications to abstract differential equations.

ALMOST AUTOMORPHIC AND ALMOST PERIODIC FUNCTIONS IN

ON ALMOST AUTOMORPHIC DYNAMICS IN SYMBOLIC LATTICES ARNO BERGER(1), STEFAN SIEGMUND(2), AND YINGFEI YI(3) Abstract. We study the existence, structure, and topological entropy of almost automorphic arrays in symbolic lattice dynamical systems.

ON ALMOST AUTOMORPHIC DYNAMICS IN SYMBOLIC LATTICES

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Almost Automorphic Type And Almost Periodic Type Functions

The concept of pseudo-almost automorphy, which is a generalization of the notions of almost periodicity, almost automorphy, and that of the pseudo-almost periodicity, was introduced in the ...

Pseudo-Almost Automorphic Functions | Request PDF

ON ALMOST AUTOMORPHIC DYNAMICS IN SYMBOLIC LATTICES 3 2. Preliminaries 2.1. Almost automorphy. Let T be a locally compact Abelian group and X a complete metric space.

ON ALMOST AUTOMORPHIC DYNAMICS IN SYMBOLIC LATTICES

unique discrete almost automorphic solution of a non-autonomous almost automorphic difference system is obtained, for which conditions of exponential dichotomy and discrete bi-almost automorphy are fundamental.

Discontinuous Almost Automorphic Functions and Almost

ALMOST PERIODIC AND ALMOST AUTOMORPHIC SOLUTIONS OF LINEAR DES 3 and $K(X)$ denotes the family of all compact subsets of X . For all $E \in \mathcal{E}(T)$ we define a

ALMOST PERIODIC AND ALMOST AUTOMORPHIC SOLUTIONS OF LINEAR

We study the existence and uniqueness of almost automorphic (resp., pseudo-almost automorphic) solutions to a first-order differential equation with linear part dominated by a Hille-Yosida type operator with nondense domain.

Almost automorphic solutions of non-homogeneous heat

ALMOST PERIODIC AND ALMOST AUTOMORPHIC SOLUTIONS ... 3 where $B \in H(A)$; and $H(A)$ denotes the hull of almost periodic matrix $A(t)$ which is composed by those functions $B(t)$ obtained as uniform limits on \mathbb{R} of the type $B(t) := \lim_{n \rightarrow \infty} A(t + t_n)$; where t_n is some sequence in \mathbb{R} . From now on, a bounded function on \mathbb{R} will be simply called a bounded function.

ALMOST PERIODIC AND ALMOST AUTOMORPHIC SOLUTIONS OF LINEAR

Almost Automorphic Groups and Semigroups in Fréchet Spaces Ciprian S. Gal¹, Sorin G. Gal² and Gaston M. Năstăse (Communicated by Toka Diagana) Abstract In this paper we characterize almost automorphic and asymptotically almost auto-morphic groups and semigroups in Fréchet spaces.

Almost Automorphic Groups and Semigroups in Fréchet Spaces

almost automorphic functions was introduced by Năstăse [22]. Liang, Xiao and Zhang [15, 29] further developed the theory of pseudo almost automorphic functions suggested by Năstăse in [21]. Blot et al. [4] introduced the notion

PROPERTIES ON MEASURE PSEUDO ALMOST AUTOMORPHIC FUNCTIONS

Chapter 4 Almost Automorphic Functions The concept of almost automorphy was introduced in the literature by S. Bochner in 1955 in the context of differential geometry [21] (see also Bochner [22,23]).

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