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**Existence of pseudo-almost automorphic solutions for nonlinear differential equations.** (English) [Zbl 1312.43005](#)

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The concept of pseudo-almost automorphic functions, which is an extension of almost automorphy, has been investigated by many mathematicians. By using the Leray-Schauder fixed point theorem the authors studies the existence of pseudo-almost automorphic solutions to linear differential equations which have an exponential trichotomy.

Reviewer: [Claudio Cuevas \(Pernambuco\)](#)

**MSC:**

**43A60** Almost periodic functions on groups and semigroups and their generalizations (recurrent functions, distal functions, etc.); almost automorphic functions

**Keywords:**

[pseudo-almost automorphic](#); [exponential trichotomy](#); [Leray-Schauder fixed point theorem](#)

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