

ON THE EXISTENCE OF PSEUDO ALMOST PERIODIC SOLUTIONS
TO A CLASS OF LASOTA-WAZEWSKA MODEL DIFFERENTIAL
EQUATION

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Abstract

In this work, we discussed a class of Lasota-Ważewska model differential equation. Using exponential dichotomy method, under suitable conditions, we give certain sufficient conditions which guarantee the existence of positive pseudo almost periodic solutions of this model. By this study we extend and improve some earlier result in the literature.

Keywords: Pseudo almost periodic solution, Lasota-Ważewska model differential equation, exponential dichotomy

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