ON UNIFORM EXPONENTIAL SPLITTING FOR COCYCLES OF LINEAR OPERATORS IN BANACH SPACES *

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Dedicated to Professor Mihail Megan
on the occasion of his 70th anniversary

Abstract

The aim of this paper is to study a concept of uniform exponential splitting, as a generalization of uniform exponential dichotomy for a cocycle C over a semiflow S. We obtain some characterizations of this concept in terms of Datko's type, respectively Lyapunov functions.

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