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Existence of solution for non-autonomous semilinear measure driven equations. (English)
Zbl 1474.34407

Summary: This work is concerned with the existence of a solution for non-autonomous measure driven semilinear equation in Banach spaces. The Schauder fixed point theorem is utilized to explore the existence of a solution. Finally, we construct an example to demonstrate the acquired outcomes.

MSC:
34G20 Nonlinear differential equations in abstract spaces
34A06 Generalized ordinary differential equations (measure-differential equations, set-valued differential equations, etc.)
37C60 Nonautonomous smooth dynamical systems
47N20 Applications of operator theory to differential and integral equations

Keywords:
regulated functions; Lebesgue-Stieltjes integral; measure evolution equations; fixed point theory

Full Text: DOI

References:
[24] I.

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