



**W-UNIFORM STABILITY OF IMPULSIVE FUNCTIONAL
DIFFERENTIAL SYSTEMS WITH DELAYS**

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Abstract

In this paper, a new criterion for W -uniform stability of the solution of nonlinear impulsive functional differential systems is presented by using Lyapunov functions and Razumikhin technique. The result improves and generalizes some ones in the literature.

Keywords and phrases: impulsive functional differential systems, Razumikhin technique, Lyapunov functions, delay, W -uniform stability.

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