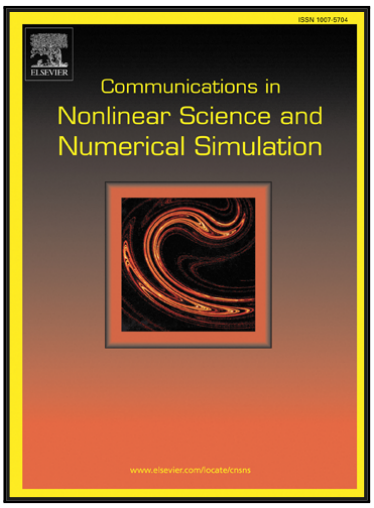
Accepted Manuscript



Stability analysis for impulsive fractional hybrid systems via variational Lyapunov method

Ying Yang, Yong He, Yong Wang, Min Wu

PII: S1007-5704(16)30318-5
DOI: 10.1016/j.cnsns.2016.09.009
Reference: CNSNS 3983

To appear in: *Communications in Nonlinear Science and Numerical Simulation*

Received date: 1 April 2016
Revised date: 13 September 2016
Accepted date: 15 September 2016

Please cite this article as: Ying Yang, Yong He, Yong Wang, Min Wu, Stability analysis for impulsive fractional hybrid systems via variational Lyapunov method, *Communications in Nonlinear Science and Numerical Simulation* (2016), doi: 10.1016/j.cnsns.2016.09.009

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- Variational Lyapunov method is employed to handle the hybrid term in the system.
- A fractional variational comparison principle is established.
- Stability and instability criteria in terms of two measures are obtained.
- Results generalize corresponding theory of impulsive fractional differential systems.

ACCEPTED MANUSCRIPT

دریافت فوری ← متن کامل مقاله

ISIArticles
مرجع مقالات تخصصی ایران

✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
✓ امکان دانلود نسخه ترجمه شده مقالات
✓ پذیرش سفارش ترجمه تخصصی
✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
✓ دانلود فوری مقاله پس از پرداخت آنلاین
✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات