

Vector Lyapunov Functions And Stability Analysis Of Nonlinear Systems

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... vector lyapunov functions and stability analysis of nonlinear systems. ... vector lyapunov functions and stability analysis of nonlinear systems (1991)

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finite-time stabilization of nonlinear dynamical systems via control vector lyapunov functions\$... ?nite-time stability analysis of nonlinear dynamical ...

VECTOR LYAPUNOV FUNCTIONS FOR PRACTICAL STABILITY OF ...

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... nor stronger than lyapunov stability. ... practical stability analysis of nonlinear systems, ... vector lyapunov functions and stability ...

A CLASS OF VECTOR LYAPUNOV FUNCTIONS FOR STABILITY ...

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a class of vector lyapunov functions for stability analysis of nonlinear impulsive differential systems

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vector lyapunov function based stability for a ... analysis for impulsive dynamical systems based on a vector lyapunov function ... stability for nonlinear 2dsystems ...

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global stabilization of nonlinear systems based on vector control lyapunov functions ... used for a long time in stability theory for nonlinear systems ...

RESEARCH ARTICLE A CLASS OF VECTOR LYAPUNOV FUNCTIONS FOR ...

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research article a class of vector lyapunov functions for stability analysis of nonlinear impulsive differential systems zhangqunli department of mathematics, heze ...

STABILITY ANALYSIS OF NONLINEAR SYSTEMS WITH LINEAR ...

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stability analysis of nonlinear systems with linear programming ... lyapunov function for the system, ...

LYAPUNOV STABILITY - WIKIPEDIA

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lyapunov stability of an ... (iss) stability (for nonlinear systems ... here is a good example of an unsuccessful try to find a lyapunov function that proves ...

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control vector lyapunov functions for large ... controllers for large-scale impulsive dynamical systems ... nonlinear analysis: hybrid systems 1 ...

RESEARCH PAPER: ON THE STABILITY AND CONTROL OF NONLINEAR ...

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... and control of nonlinear dynamical systems via ... systems via vector lyapunov functions. ... the stability analysis for nonlinear ...

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on the stability and control of nonlinear dynamical systems via vector lyapunov ... be used for analyzing system stability. ... vector lyapunov functions, ...

VECTOR LYAPUNOV FUNCTIONS FOR STABILITY AND STABILIZATION ...

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vector lyapunov functions for stability and stabilization of differential repetitive ... of nonlinear systems ... vector lyapunov function based stability of a ...

NONLINEAR SYSTEMS STABILITY ANALYSIS : LYAPUNOV ... - GBV

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3.2.2 vectorlyapunovfunction 124 3.2.3 higher-orderderivativesof ... nonlinear systems stability analysis : lyapunov-based approach subject: boca raton, ...

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... finding lyapunov functions1 ... is a major challenge in constructive analysis of nonlinear systems. ... in the space of parameter vector $\phi = \dots$

ON THE STABILITY AND CONTROL OF NONLINEAR DYNAMICAL ...

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on the stability and control of nonlinear systems via vector lyapunov functions ... tribution to the stability analysis of nonlinear dynamical

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vector lyapunov function based stability ... to the exponential stability analysis for impulsive ... for nonlinear 2d systems based on vector lyapunov

ON STABILITY OF DISCONTINUOUS SYSTEMS VIA VECTOR LYAPUNOV ...

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this paper deals with the stability of systems with discontinuous ... nonlinear dynamical systems via vector ... lyapunov functions and stability analysis of ...

VECTOR LYAPUNOV FUNCTION BASED STABILITY OF A CLASS OF ...

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vector lyapunov function based stability ... nonlinear 2d systems, vector lyapunov functions, stability, ... developed for stability analysis of nonlinear discrete 2d ...

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how to cite. parks, p. c. (1995), vector lyapunov functions and stability analysis of nonlinear systems, v. lakshmikantham, v. m. matrosov and s. sivasundram, kluwer ...

IEEE TRANSACTIONS ON AUTOMATIC CONTROL, VOL. 51, NO. 2 ...

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tribution to the stability analysis of nonlinear ... tions for stability of the nonlinear dynamical system. ... linear dynamical systems via vector lyapunov functions ...

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ON THE STABILITY AND CONTROL OF NONLINEAR SYSTEMS VIA ...

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on the stability and control of nonlinear systems via vector lyapunov functions ... analyzing system stability. ... nonlinear dynamical system that ...

STABILITY AND CONTROL OF LARGE-SCALE DYNAMICAL SYSTEMS: A ...

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in this chapter, we introduce the notion of vector lyapunov functions for stability analysis of nonlinear dynamical systems. the use of vector lyapunov functions in ...

CONSTRUCTING PIECEWISE-POLYNOMIAL LYAPUNOV FUNCTIONS FOR ...

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constructing piecewise-polynomial lyapunov ... to stability analysis of nonlinear systems ... is the search for a decreasing lyapunov function. for those systems ...

NON-MONOTONIC LYAPUNOV FUNCTIONS FOR STABILITY OF ...

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non-monotonic lyapunov functions for stability of nonlinear and ... about vector lyapunov functions. ... analysis of dynamical systems places itself ...

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... stability theory addresses the stability of ... a linear system. stability of a nonlinear system ... a dynamical system is by means of lyapunov functions.