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Projects (253)

Beiträge zur Disziplin- und Wissenschaftsgeschichte // Educational Science: Contributions to the History of Science and Education

Project

Add update

How to control a linear uncontrolled system in the Hilbert and Euclidean space?

Project

Add update

How to fractional or order fractional intelligent adaptive fuzzy-fuzzy slip control model?

Project

Add update

How to design a fault detector in controlled systems ?

Project

Add update

How is error detection fuzzy performed in controlled systems?

Project

Add update

Adaptation (update rule design) How does an error detector work in controlled systems?

Project

Add update

How to optimize a fault detector in controlled systems?

Project

Add update

How is fault detection intelligent performed in controlled systems?

Project

Add update

How to adapt the fault detector to controlled systems? (Update rule design / parameter vector determination and regressor matrix)

Project

Add update

What are the two control variables in mathematics? (Of course, if this is the case)

Project

Add update

How can a link be made between the perspective of fuzzy mathematics and fuzzy control systems? If so, what is the procedure?

Project

Add update

How can system estimation or controllable systems be performed through different programming languages?

Project

Add update

What is the reflection of data classification practice in the design of linear and nonlinear controllers?

Project

Add update

How to prove the complete stability of a state (a linear control system or a linear non-control system)

Project

Add update

What is the connection between the two areas exact null-controllable systems and exponentially stabilizable?

Project

Add update

How to turn a severe nonlinear system into a regular nonlinear system?

Project

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What is the difference between the concept of stability and stability for systems with finite temporal-spatial dimensions and the type of infinite dimensions?

Project

Add update

How do subgroups(semigroups) design a system steady state matrix?

Project

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How do we prove for a control system that the exponential stability is complete or Liapanofi or asymptotic?

Project

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What is the relationship between exponential stability and the overall exponential stability of a controlled system?

Project

Add update

If the uncontrolled (or uncontrollable) system is assumed to be nonlinear, how can it be proved that the stable system is asymptotic (or exponential) in Lyapunov's concept(sense)?

Project

Add update

Conditional Stability -A Comparison for exactly null-controlability-observibility How does it make sense?

Project

Add update

Recognizing phishing websites based on a bayesian combiner

Project

Add update

What is the difference between a system that is not stable and a system that is unstable? (What are the oscillating, transient and mean states of each)

Project

Add update

How can the necessary and sufficient stable conditions and the promotion of stability be expressed and separated?

Project

Add update

Recognizing phishing websites based on a bayesian combiner

Project

Project

Add update

If we have a structured uncertainty control system, what changes or changes will be achieved in achieving and satisfying finite time stability?

Project

Add update

In a system under study, how do the considered error sensors distinguish the input error from the output error and detect it separately and then converge to zero by the same unit or another unit?

Project

Add update

Does not distinguishing between faults caused by the power supply or wiring and considering all of them as an integrated unit, create a problem in the analysis and design of the system?

Project

Add update

How do we rewrite the equations of differential and differential (discrete-time) of the system written in Euclidean space and Hilbert space in Banach space?

Project

Add update

How to reduce the degree of nonlinearity of a system?

Project

Add update

What is the difference between an indeterminate parameter and an uncertainty in a dynamic model?

Project

Add update

Optimal direct adaptive nonlinear controller for three degree freedom robot How is it designed with a gravitational term?

Project

Add update

Fuzzy controller 2-fold adaptive fraction of slip-slip model How is the backstepping model designed?

Project

Add update

Intelligent fractional order slip model controller based on EDARLA, CDARLA automatic learning method How is it designed for a system with minimal order model?

Project

Add update

Identification of a 2-fold fuzzy system A highly nonlinear intelligent fraction will work best with which method?

method?

Project

Add update

Designing urban spaces to improve social and human interactions

Project

Add update

Designing urban spaces to improve social and human interactions

Project

Add update

If latency, external perturbations, and uncertainties in the intelligent adaptive system are of unstable fractional order, what effect do changes in working points and equilibrium have on the procedure for proving asymptotic stability?

Project

Add update

Accepting the article entitled Designing urban spaces to improve social and human interactions

Project

Add update

Stability analysis and control of space systems

Project

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Farzad Tat Shahdost Achievement160514001120

Project

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Farzad Tat Shahdost _ Achievement160514001119.pdf

Project

Add update

What is the design of fractional order feedback mode for quasi-linear systems with conversion function or descriptive quasi-sentence function and its application on soft and hard linear, quasi-linear and nonlinear systems?

Project

Add update

How is the optimal fractional slip model controller designed with fuzzy slip surface?

Project

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How is an optimal indirect adaptive nonlinear controller designed for a three- degree-of-freedom robot?

Project

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Acceptance certificate ((Designing urban space to improve social and human interactions))

Project

Add update

Under what conditions can the nonlinearities of a system be removed or replaced by a linear or quasi-linear term?

Project

Add update

How can the Legendre, Bessel and Fourier functions be used to accurately estimate the time-frequency dynamic equations of the system under study?

Project

Add update

If we have designed a classic mode controller for the robot, but stability is not met in a limited time and what is the steady state error?

Project

Add update

How to design a fuzzy system for slip model controller that minimizes chattering? Controller for controller

Project

Add update

How is the separation between the regression vector and the parameter vector performed in an adaptive fuzzy controller?

Project

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How is fuzzy slip surface smartening done?

Project

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How is second-order fuzzy slip surface fuzzy done?

Project

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How is fuzzy slip surface linearization done?

Project

Add update

غیرخطی سازی سطح لغزش فازی چگونه انجام می شود؟

Project

Project

Add update

For the phase slip surface, how is the pre-phase feedback linearization controller performed?

Project

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For the fuzzy slip surface, how is the nonlinear controller of the pre-phase slip model performed?

Project

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For the phase slip surface, how is the non-linear step-by-step pre-phase controller performed?

Project

Add update

(In control science and other homogeneous sciences) What are the advantages and disadvantages of fractional and quasi-fractional model controllers in mathematics and in practice and implementation on the real system?

Project

Add update

How is nonlinear optimization in theoretical and practical sciences done for a specific or determined system?

Project

Add update

How can designed observers minimize the effect of external disturbances on the controlled system?

Project

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How is a sliding mode UIO observer analyzed and designed?

Project

Add update

Stabilization,stabilizable,, Stability and Stability of Nonlinear Chow Fraction Order Systems with Definite Fraction Degrees And how is it proportionally analyzed?

Project

Add update

How to identify multiple sensors and actuators of fault tolerant systems? (Objective: To determine single or multiple faults)

Project

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When does a sudden robot joint failure occur?

Project

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Scattered sensor and actuator errors, etc. At what fixed time do they appear and then disappear?

Project

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Is the difference between the estimated angular position and the measured angular position called the sensor-actuator error or the error based on the uncertainty of unmodulated dynamics?

Project

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In a fault system based on multiple viewers, is it better to design an input rule with interrelated components or several control rules?

Project

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What are the advantages (as well as disadvantages) of piecemeal design for a highly nonlinear system?

Project

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How do Isolate sensor and actuator faults relative to each other or to their type (or related signals or observer signals)?

Project

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What effect do high frequency noise have on fault tolerant systems?

Project

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What are the hazards to the experimental case study system if noise is added to the input torque signals?

Project

Add update

Are the error and control variable signals separable (separate isolation and analysis)? (Sensor-actuator signal or sensor-actuator error)

Project

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What are the ways to diagnose and correct the error correctly as well as indefinitely?

Project

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What signals are considered for error analysis?

Project

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Fourth Conference on Architecture, Urban Planning, Civil Engineering and Geography in Sustainable Development

Project

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Multiple errors in fractional order systems with sliding model Observer How can full order slide control control be detected and identified?

Project

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What is the status of the design of advanced controllers for advanced robots?

Project

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How do uncertainties stimulate instability in the system?

Project

Add update

What is the status of the design of advanced controllers for advanced robots?

Project

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What is the difference between robot control in environments with external noise and environments with internal noise? Is it permissible to accumulate all kinds of environmental or non-environmental noise? Can they be considered as a unit?

Project

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How to secure the stability of a robot system?

Project

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Under what conditions is the controller design reduced and how is it done?

Project

Add update

How is it easier to implement a control system (with a controller)?

Project

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How is it easier to implement a control system (with a controller)?

Project

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How does the high effectiveness of the controller make sense?

Project

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Aceptación del trabajo en una conferencia internacional

Project

Add update

8th International Conference on Advanced Research in Science,Engineering and Technology

Project

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Natural and Technical sciences

Project

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Study and indicators of child-friendly city

Project

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Spirit in Literature and Psychology

Project

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Information about your PhD degree

Project

Add update

How to perform error detection apart from control system modeling?

Project

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What effect does local small loop gain have on system performance?

Project

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A single multi-input-multi-state second order sliding mode observer How is it designed?

Project

Add update

What is the procedure for selecting fuzzy maker, non-fuzzy maker, inference engine and rule base in 2nd order and higher fuzzy systems?

Project

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How is the mode observer and input-output observer designed?

Project

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What kind of systems are recommended full-order fuzzy controllers?

Project

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How to design a slider-power variable based on sub-optimal observer?

Project

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If any indeterminate parameter (of any degree and with any intensity) exists in the control system, can it be claimed that the system has a structured uncertainty?

Project

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How can error thresholds be minimized or false alarms detected? In what cases are these cases undetectable or mis detection?

Project

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How are the power-matrix state equations of the control system solvable?

Project

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How to design a complete sliding model Observer?

Project

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How can convex optimization be effective in fault tolerant systems?

Project

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How can a complete robot system fault detection scheme be implemented?

Project

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How can a discrete time tolerant system controller be designed and implemented?

Project

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What are the ways to deal with measurement noise in control systems?

Project

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What is the change in the system if we remove at least one of the components of fuzzy maker, non-fuzzy maker, rule base and inference engine in a fuzzy system?

Project

Add update

Is it possible to use the same sensor that is used to detect errors and troubleshoot the system to detect actuators?

Project

Add update

How is an adaptive fuzzy slip controller designed and developed for a biological control system?

Project

Add update

If noise is added to the input and output signals of the system, what effect does it have on the controller design for the system?

Project

Add update

How is a second order fuzzy fraction controller designed and implemented on a control system?

Project

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How to design a optimal-optimal-suboptimal optimization controller for a system under study?

Project

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How to design a convex-optimal optimization controller for a system under study?

Project

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How do we design a robust controller based on linear and nonlinear programming to deal with all kinds of uncertainty?

Project

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How to design a single fault of noise on sensor mearment?

Project

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How to design a fault tolerant controller in static work conditions?

Project

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How is identification based on maximum likelihood in the absence of faults?

Project

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How Exprimental FD of actuators to design?

Project

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How can we design and implement a laboratory sensor sensor detection unit for a controlled system?

Project

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How to design a control system for a studied system and then implement a software and operational system on it?

Project

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How to design an GOS observers for arm robot control system?

Project

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What is the maximum allowable torque for robot corresponding sensors and actuators?

Project

Add update

What is the maximum allowable torque for robot corresponding sensors and actuators in the exprimental proposed scheme (subject to noise and unmodeled nonlinear effects?

Project

Add update

Numerical Methods for Identifying Relative Wavelength Systems of Relative Analog and Digital Circuits with Interval Real Numbers How can it be implemented and operationalized? Such as fractional order cellular neural network (CNN)

Project

Add update

What are the challenges and super-challenges of the stability of fractional order systems in the presence and presence of parametric and non-parametric uncertainties and heterogeneous turbulence?

Project

Add update

Prevalence of depression and its effect on quality of life of medical staff in the prevalence of 19-COVID

Project

Add update

How can the problem of non-convex optimization be turned into the problem of convex or quasi-convex optimization?

Project

Add update

Is it possible to replace the rigid joints of the robot with springs or other mechanical parts and design a suitable controller for it? If yes, what can be said about the practical stability of the system?

Project

Add update

Is it possible to replace the rigid joints of the robot with springs or other mechanical parts and design a suitable controller for it? If yes, what can be said about the practical stability of the system? Will meeting the control requirements be challenged?

Project

Add update

How much level 3 and above fuzzy can be effective in controlling sliding model in reducing Chatting phenomenon and dealing with parametric and non-parametric uncertainties?

Project

Add update

How much level 3 and above fuzzy can be effective in controlling sliding model in reducing Chatting phenomenon and dealing with parametric and non-parametric uncertainties?

Project

Add update

How to implement particle swarm optimization in highly nonlinear systems? Can several optimization methods be applied to the system in parallel or in series?

Project

Add update

Can transient state error and permanent state error be modeled using system identification methods? (How about permanent state response and transient state response?)

Project

Add update

Determine state variables and To what extent do the variables of controls, inputs and outputs (negligence and fault in this regard) affect modeling and how much error can be neglected in this regard?

Project

Add update

Is there a way to download closed access (non-accessible) articles?

Project

Add update

Add update

In order to present valuable and highly cited research, what indicators are necessary?

Project

Add update

What is the best and most optimal way to increase the article index?

Project

Add update

Can gaining personal or group experience be considered the best teacher?

Project

Add update

How can unmodulated dynamics in nonlinear systems be minimized?

Project

Add update

Is it possible to make a semantic connection in the field of construction between the field of neural network based controllers as well as microcontrollers and microprocessors?

Project

Add update

How can we train a robot to identify obstacles and gain experience from its surroundings to deal with uncertainties and external disturbances and other disturbing environmental signals and achieve control goals?

Project

Add update

How can fractional order intelligent controllers be optimized in practice?

Project

Add update

How does the tuning point problem become a tracking problem? What about the opposite?

Project

Add update

What is the difference between feedback linearization and system linearization with feedback?

Project

Add update

What is the best way to reduce the number of if-then fuzzy rules and consequently reduce the overall volume of the controller calculations?

Project

Add update

Are you getting vaccinated for COVID-19 in 2021?

Project

Add update

What is the difference in form and substance between nonlinear and nonlinear controllers?

Project

Add update

How to convert nonlinear programming problem to linear programming?

Project

Add update

Who usually writes systematic review articles?

Project

Add update

Specifically, who writes meta-analysis review articles?

Project

Add update

Is there a semantic connection between the system controllers and the existing micro-controller?

Project

Add update

What are the criteria for writing a highly cited journal article?

Project

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Farzad Tat's personal blog address farzadtat.blog.ir https://farzadtat.blog.ir/

Project

Add update

What is the purpose of designing series controllers?

Project

Add update

How can we train a robot to identify obstacles and gain experience from its surroundings to deal with uncertainties and external disturbances and other disturbing environmental signals and achieve control goals?

Project

Add update

How to use the optimal type 2 fuzzy controller to estimate external uncertainties and external

perturbations as well as modeling highly nonlinear systems?

Project

Add update

What are the goals of the design of parallel-series controllers for systems?

Project

Add update

Submit the first article on controller design ideas for Covid19 control system

Project

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Open Access to Scientific Information

Project

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Technical SCIENCE ⚙

Project

Add update

Is it possible to express system state variables biologically and quasi-biologically and perform the training process on system states?

Project

Add update

Is it possible to express system state variables biologically and quasi-biologically and perform the training process on system states?

Project

Add update

Is it possible to express system state guidance and control missile?

Project

Add update

1. How to get rid of local optimization in control design? 2. Kinematic control Flexible robots have the ability to integrate and integrate with the dynamic dynamic control of the adaptive fuzzy sliding model method?

Project

Add update

1. How is linearization with feedback done in nonlinear systems? 2. If the robot is rigid, how does the overall exponential stability have the necessary degree of importance and validity?

Project

Add update

کاربرد ربات ها،کنترل کننده ها در زندگی روزمره و تلفیق این دو حوزه با یکدیگر

Project

Add update

robot and missile control

Project

Add update

Initial acceptance of a conference paper on "Applications of control-robotic algorithms in various sciences")

Project

Add update

Initial acceptance of the article entitled "Stability and instability of control systems in Hilbert and Banach spaces")

Project

Add update

Initial acceptance of the article entitled "Systematic review of fuzzy systems and concepts of fuzzy mathematics")

Project

Add update

A systematic review of the consolidation of control systems against errors, uncertainties and unwanted external signals

Project

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Initial acceptance of the article entitled "Systematic review of fuzzy systems and concepts of fuzzy mathematics")

Project

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1. In general, in terms of form and structure, we have several types of systems as well as direct and indirect neural adaptive fuzzy sliding model controllers?

Project

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Initial acceptance of the article entitled "Systematic review of the consistency of control systems against errors, uncertainties and unwanted external signals")

Project

Add update

Initial acceptance of the article entitled ((Systematic review of types of fault tolerant systems))

Project

Add update

Initial acceptance of the article entitled ((Overview of missile guidance and control))

Project

Add update

Initial acceptance of the article entitled ((Systematic review on smartening, retrofitting, optimization, achievable minimum and stabilization of control systems and horizons ahead))

Project

Add update

Initial acceptance of the article entitled ((Design process of adaptive fuzzy sliding model controllers and cover controllers based on stability mathematics from the past to the present, horizons and challenges ahead))

Project

Add update

Initial acceptance of the article entitled "Stability and instability of control systems in Hilbert and Banach spaces")

Project

Add update

Initial acceptance of a conference paper on "Applications of control-robotic algorithms in various sciences")

Project

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Initial acceptance of a conference paper on "Applied control methods in controlled systems")

Project

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Initial acceptance of the conference paper on the topic ("Application of robots, controllers in everyday life and combining these two areas with each other")

Project

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Submission of the article entitled ((Review of control methods based on fractional calculations and fractional order))

Project

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Hello, is the citation itself correct in terms of research ethics?

Project

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Thesis topic: Design of an adaptive slip model fuzzy controller for guiding and controlling a missile in the presence of parametric uncertainties and external disturbances

Project

Add update

Hello, respectfully, what is the best and most optimal way to increase citations to articles and books?

Project

Add update

What goals do researchers pursue in designing parallel controllers for systems?

Project

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How to connect between MATLAB and Maple software?

Project

Add update

Are nonlinear multivariate convex optimizations of fractional order designed and implemented based on strict nonlinear systems?

Project

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How do we propose a function for a stability function that itself ascends the value and its derivative descends?

Project

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Article Certificate ((Application of robots, controllers in daily life and integration of these two areas with each other))

Project

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Article Certificate ((Stability and instability of control systems in Hilbert and Banach spaces))

Project

Add update

Article Certificate (Applications of Control-Robotic Algorithms in Various Sciences)

Project

Add update

Article Certificate ((Design process of adaptive fuzzy slip model controllers and cover controllers based on stability mathematics from the past to the present, horizons and challenges ahead))

Project

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Certificate of the article ((Systematic review on smartening, retrofitting, optimization, minimal feasibility and stabilization of control systems and horizons ahead))

Project

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Article Certificate ((Review of Missile Guidance and Control))

Project

Add update

Article Certificate ((Systematic review of various types of fault tolerant systems))

Project

Add update

Article Certificate ((Systematic review on the consistency of control systems against errors, uncertainties and unwanted external signals))

Project

Add update

Article Certificate ((Systematic review of fuzzy systems and concepts of fuzzy mathematics))

Project

Add update

Article Certificate ((Review of Control Methods for the Corona Family))

Project

Add update

Article Certificate ((Application of fractional order controllers in real systems))

Project

Add update

Article Certificate ((Overview of control methods on fractional accounts and fractional order))

Project

Add update

How much does the combination of fractional controllers and nonlinear fractional order reduce controller modeling or design error? Why and how?

Project

Add update

Are fractional controllers more suitable for identifying dynamic systems or fractional order or correct order? Why?

Project

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What are the ways to reduce the rules if the fuzzy as well as the volume of calculations?

Project

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certificate

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How is the integral equation of the stability fraction order defined?

Project

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How is the integral and the fraction derivative and the order of the Kaputo fraction solved numerically?

Project

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How and by what process is a digital and discrete time-based fractional controller based on Caputo and Riemann-Liouville fraction derivatives designed and implemented on control systems?

Project

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How are fractional and fractional order optimal fuzzy controllers designed for the robot system?

Project

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How are optimal fuzzy controllers designed?

Project

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How can state space, controllability, visibility and feasibility be defined for nonlinear and anti-linear systems?

Project

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Basically, what are the advantages, disadvantages and advantages of different types of fractional controllers over each other?

Project

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How to perform fuzzy sliding surface adaptive fuzzy control of sliding model?

Project

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What is the way to turn the problem of non-convex nonlinear programming into convex linear programming?

Project

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In general, how many types of discrete order fuzzy controllers do we have?

Project

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How many types of discrete order adaptive controllers do we have?

Project

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How many types of discrete-order sliding controllers do we have?

Project

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In control science, how many discrete feedback linearization controllers do we have?

Project

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What is the difference between linear and non-linear fuzzy controllers of application control systems?

Project

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What is the design process of a convex optimization controller for flexible robots ?

Project

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How is nonlinear optimization designed for a system with variable mass or variable with the same parameter as a rocket?

Project

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How to model a biological system with the help of dynamic equations with current derivatives?

Project

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What is the best type of fuzzy instrument, non-fuzzy instrument and inference motor in designing a fuzzy controller for a highly linear system?

Project

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What kind of control systems can fractional order controllers be used for?

Project

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Contemporary Research

Project

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Publication of the fourth book on the subject ((Guidance, control and navigation of space systems))

Project

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((Applied control methods in controlled systems))

Project

Project

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Application of fractional order controllers in real systems

Project

Add update

A review of control methods for the corona virus family

Project

Add update

A review of control methods based on fractional calculations and fractional rank

Project

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A systematic review of fuzzy systems and concepts of fuzzy mathematics

Project

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systematic review of the consolidation of control systems against errors, uncertainties and unwanted external signals

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systematic review of the types of fault tolerant systems

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tability and instability of control systems in Hilbert and Banach spaces

Project

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An overview of missile guidance and control

Project

Add update

Design process of adaptive fuzzy slip model controllers and cover controllers based on stability mathematics from the past to the present, horizons and challenges ahead

Project

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Design process of adaptive fuzzy slip model controllers and cover controllers based on stability mathematics from the past to the present, horizons and challenges aheaD

Project

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Applications of control-robotic algorithms in various sciences

Project

Add update

A systematic review of fuzzy systems and concepts of fuzzy mathematics

Project

Add update

Acceptance of a conference paper entitled ((Applied control methods in controlled systems))

Project

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The opinion of intellectuals: questions and answers

Archived project

View