Multiobjective Design using Various Control Techniques
A Multi-Objective Optimisation-Based Software Environment for Control Systems Design
Multiobjective Design of a Fuzzy Controller for a Nonlinear Missile Autopilot
Multi-Objective Design for an Integrated Flight Control System: A Combination with Model Reduction Approach
Multiobjective Design of Low Complexity Digital Controllers
Designing Model Predictive Controllers with Prioritised Constraints and Objectives

SLICOT and Control Systems Numerical Software Packages
SLICOT System Identification Software and Applications
Numerical Software in SLICOT for Low Order Controller Design
Robust \([\mu]\)-Design of a Disk Drive Servo System
Experimental \(H_{\infty}\) Control to Improve an Industrial Off-Line Tracking Control Scheme on an Automotive Suspension Test Rig
Multiobjective Automotive Drive by Wire Controller Design
Controllability Analysis of Multiobjective Control Systems
Measurement of the Road Gradient using an Inclinometer Mounted on a Moving Vehicle

The Control of Specific Actuators for Fast Ferry Vertical Motion Damping
Adaptive Panty Relations for Fault Detection in Nonlinear Uncertain Systems
On the Simultaneous Stabilization by Static Output Feedback Problem
Approximate Explicit Model Predictive Control Incorporating Heuristics
Verifying Switched-Mode Computer Controlled Systems
Simulation and Real-Time Control: From Simulink to Industrial Applications
Multi-Loop Control System Design Tools
A Library of Adaptive Neural Networks for Control Purposes
Estimation of the Three-Dimensional Power Distribution in Boiling Water Reactors using Neural Networks and Fuzzy Theory
An Integrated Control System for Optimizing the Energy Consumption and User Comfort in Buildings
A Control Design for Reference Signal with the N-th Power of Time
Development of Computer Controlled Non-Intrusive Pressure Monitoring System for Diagnosis of Hydraulically Operated Equipment
A Control Frequency Selection Procedure for Frequency Domain Autotuning Methods on PID Controllers
Linear Controller Design by Goal Programming
Design of Robust Model-Based Tracking Controllers via Parametric Programming
An Optimisation Algorithm for Designing Fixed-Structure Controllers using the QFT Method
Performance/Robustness Limits for CAD of Time-Delay Control Systems
Neighboring Optimization for Constrained Control Problems in Real Time
Extended Variable Parameterization Method for Optimal Control
Implementation of Optimal Closed-Loop Control Strategy
Algorithm for Computer Aided Optimal Control System Design
Characterization of Minimal and Basis Siphons with Predicate Logic and Binary Programming

Optimal Digital Controllers for Double Integrator: Comparison of Four Methods

Traditional Linear Control

Obsolescence in Control Systems

Manufacturing

Application of Multivariable GPC to a Four Tank Process with Unstable Transmission Zeros

Efficient Implementation of Min-Max Model Predictive Control with Bounded Uncertainties

Robust MPC of Constrained Discrete-Time Nonlinear Systems based on Uncertain Evolution Sets: Application to a CSTR Model

Restricted Structure Adaptive Predictive Control of Nonlinear Systems

Intelligent User-Support System for Modeling and Simulation

An Experimental Setup for Modelling, Simulation and Fast Prototyping of Mechanical Arms

New Models of Energy-Storing Electromechanical Transducers

Modeling of Waterproof Plugs in the Cavem Gas Storage

CORAL Off-Line: An Object-Oriented Tool for Optimal Control of Sewer Networks

Control within the EPSRC Programme

LFT Representation of a Longitudinal Perturbed Aircraft Model by Flatness Approach

Low Order LFT Modelling and Generation from the Non-Linear Equations of Motion for a Fighter Aircraft

LFT-Based Uncertainty Modelling and \([\mu]\)-Analysis of the HIRM+ RIDE Flight Control Law

Presentation of the Linear Fractional Representation Toolbox (LFRT)

On the Computation of the Maximal Structured Singular Value for Aeronautical Applications

Numeric LFT Generation for Robust Aircraft Flutter Analysis

DFT Calculation of the Generalized and Drazin Inverse of a Polynomial Matrix

SeDuMi INTERFACE 1.02: A Tool for Solving LMI Problems with SeDuMi

On Computing the \(l_1\) Norm of a Polynomial Matrix Fraction

MathML in Polynomial Toolbox for Matlab

Numerically Efficient Method for Static Output Feedback Problems

Complex Polynomials in Communications: Motivation, Algorithms, Software

A Nyquist Criterion for Time-Varying Periodic Systems, with Application to a Hydraulic Test Bench

A Generalized Circle Criterion and Its Fields of Application

Analysis of Regions of Stability for Linear Systems with Saturating Inputs through an Anti-Windup Scheme

Robust \([\script H]\)-Infinity Stabilization for Interval Plants

An Information Theoretic Interpretation for \([\script H][\script H]\) Entropy

Implementation of Polynomial Algebra via Spectra

General Index