1. Record Nr. UNISALENTO991002484059707536

Autore	Moschetti, Giovanni
Titolo	"Diniego di detrazione per consapevolezza" nel contrasto alle frodi IVA : alla luce dei principi di certezza del diritto e proporzionalità / Giovanni Moschetti
Pubbl/distr/stampa	[Assago] : CEDAM, 2013
ISBN	9788813345273
Descrizione fisica	xvi, 199 p. ; 24 cm
Disciplina	345.450233 336
Soggetti	Reati fiscali - Diritto comparato - Italia Imposta sul valore aggiunto - Evasione
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISALENTO991001260809707536

Autore	Convegno internazionale di studi su Properzio <2008 : Assisi>
Titolo	Tempo e spazio nella poesia di Properzio : atti del Convegno internazionale : Assisi, 23-25 maggio 2008 / a cura di Roberto Cristofoli, Carlo Santini e Francesco Santucci
Pubbl/distr/stampa	Assisi : Accademia Properziana del Subasio, Centro studi poesia latina in distici elegiaci, 2010
ISBN	9788888661278
Descrizione fisica	XVIII, 272 p. ; 24 cm
Collana	Centro studi poesia latina in distici elegiaci ; 11
Altri autori (Persone)	Cristofoli, Roberto Santini, Carlo Santucci, Francesco
Soggetti	Spazio e tempo nella letteratura - Congressi Propertio, Sesto Congressi Propertio, Sesto Congressi
Lingua di pubblicazione	Italiano Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Contiene riferimenti bibliografici

3. Record Nr. UNINA9910743265703321

Autore	Deb Dipankar
Titolo	Adaptive compensation of nonlinear actuators for flight control applications / / Dipankar Deb, Jason Burkholder, Gang Tao
Pubbl/distr/stampa	Singapore : , : Springer, , [2022] 2022
ISBN	981-16-4160-9 981-16-4161-7
Descrizione fisica	1 online resource (138 pages)
Collana	Studies in Systems, Decision and Control ; ; v.386
Disciplina	050
Soggetti	Engineering design Automatic control Aerospace engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Preface -- Contents -- Acronyms and Symbols -- List of Figures -- List of Tables -- 1 Introduction -- 1.1 Linear and Nonlinear Actuators -- 1.2 Applications of Synthetic Jet Actuators -- 1.2.1 Synthetic Jet Actuators in Active Cooling -- 1.2.2 Synthetic Jet Actuators for Flight Control -- References -- 2 Synthetic Jet Actuators and Arrays: Modeling and Control -- 2.1 Physical Characteristics -- 2.2 Virtual Shaping and Flow Separation Control of Airfoils -- 2.3 Mathematical Models -- 2.4 Adaptive Inverse Compensation and Update Laws -- 2.4.1 Adaptive Inverse Function -- 2.4.2 Adaptive Update Signals -- 2.4.3 Stability Analysis -- 2.5 Performance Evaluation of SJA -- 2.6 Inverse Compensation for Actuator Arrays -- 2.6.1 Control Error Formulation -- 2.6.2 Adaptive Estimation of Uncertain Parameters -- 2.6.3 Robustness Issues -- 2.7 System Performance Evaluation with SJAA -- References -- 3 Adaptive Compensation at Low Angles of Attack: Nonlinear Aircraft Model -- 3.1 Nonlinear Aircraft System: A Benchmark Model -- 3.2 Feedback Control Law Design -- 3.2.1 Velocity Control -- 3.2.2 Flight Path Angle Dynamics -- 3.2.3 Wind Axis Angle Dynamics -- 3.2.4 Body Axis Rate Dynamics -- 3.3 Performance Analysis -- 3.4 Results and Discussions

-- References -- 4 Adaptive Compensation at High Angles of Attack -- 4.1 Synthetic Jet Actuator Model Development -- 4.2 Nonlinearity Model of Synthetic Jet Actuators -- 4.2.1 Nonlinearity Models with Partially Known Parameters -- 4.2.2 Nonlinearity Models with Unknown Parameters -- 4.3 Adaptive Inverse Compensation Techniques -- 4.3.1 Adaptive Inverse Compensation: Exact Actuator Model -- 4.3.2 Adaptive Inverse Compensator: Approximate Model -- References -- 5 Signal-Dependent Uncertainty Compensation: A General Framework -- 5.1 Signal-Dependent Nonlinearity Compensation -- 5.1.1 Adaptive Inverse Function.
5.1.2 Control Error Expression -- 5.1.3 Estimation of the Model Mismatch Term -- 5.2 Adaptive Inverse Control System -- 5.3 Adaptation Scheme -- 5.4 Performance Evaluation -- References -- 6 NN-Based High-Order Adaptive Compensation Framework for Signal Dependencies -- 6.1 Higher-Order Inverse Parametrization Schemes -- 6.1.1 Neural Network Based Inverse Parametrization -- 6.1.2 Approximation Error Analysis -- 6.2 A Benchmark Pitch-Plane Control System -- 6.3 Parameter Adaptation and Stability Analysis -- References -- 7 Adaptive Synthetic Jet Actuation for Aircraft Control -- 7.1 Wide-Range Angles of Attack Model -- 7.2 Adaptive Inverse Design of Actuator Nonlinearities -- 7.2.1 Control Error Expression -- 7.3 Nonlinear Aircraft Control Law Development -- 7.4 Adaptation Scheme -- 7.5 Performance Analysis -- 7.6 Concluding Remarks -- References.

Sommario/riassunto

This book provides a basic understanding of adaptive control and its applications in Flight control. It discusses the designing of an adaptive feedback control system and analyzes this for flight control of linear and nonlinear aircraft models using synthetic jet actuators. It also discusses control methodologies and the application of control techniques which will help practicing flight control and active flow control researchers. It also covers modelling and control designs which will also benefit researchers from the background of fluid mechanics and health management of actuation systems.The unique feature of this book is characterization of synthetic jet actuator nonlinearities over a wide range of angles of attack, an adaptive compensation scheme for such nonlinearities, and a systematic framework for feedback control of aircraft dynamics with synthetic jet actuators.