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SELECTED TOPICS ON CONSTRAINED AND NONLINEAR CONTROL

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Editors

Selected Topics on Constrained and Nonlinear Control

Textbook

STU Bratislava – NTNU Trondheim

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Preface

This textbook was created within the NIL-I-007-d Project "Enhancing NO-SK Cooperation in Automatic Control" (ECAC) carried out in 2009-2011 by university teams from the Slovak University of Technology in Bratislava and from the Norwegian University of Science and Technology in Trondheim. As it is already given by the project title, its primary aim was enhancing cooperation in academic research in the automatic control area in the partner institutions. This was achieved by supporting broad spectrum of activities ranging from student mobilities at the MSc. and PhD. level, staff mobilities, organization of multilateral workshop and conferences, joint development of teaching materials and publishing scientific publications. With respect to the original project proposal, the period for carrying out the foreseen activities was reasonably shortened and that made management of the all work much more demanding. Despite of this, the project has reached practically all planned outputs – this textbook represents one of them – and we believe that it really contributes to the enhancement of Slovak-Norwegian cooperation and to improvement of the educational framework at both participating universities. Thereby, I would like to thank all colleagues participating in the project activities at both participating universities and especially professor Sigurd Skogestad, coordinator of activities at the NTNU Trondheim, associate professor Katarína Žáková for managing the project activities, and professor Miroslav Fikar for the patient and voluminous work with collecting all contribution and compilation of all main three project publications (textbook, workbook, and workshop preprints).

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Mikuláš Huba
Project coordinator

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Contents

1 Measurement Polynomials as Controlled Variables 1
Johannes Jäschke, Sigurd Skogestad
1.1 Introduction 1
1.2 Overview 3
1.3 Achieving Optimal Operation using Measurement Invariants 3
1.3.1 Problem Formulation 3
1.3.2 Partitioning into Sets of Active Constraints 5
1.3.3 Eliminating the Lagrangian Multipliers λ 6
1.4 Elimination for Systems of Linear Equations (Zero Loss Method) 7
1.5 Elimination for Systems of Polynomial Equations 11
1.5.1 Finding Invariant Controlled Variables for Polynomial Systems 14
1.6 Switching Operating Regions 16
1.7 Case Study 17
1.7.1 Identifying Operational Regions 19
1.7.2 Eliminating λ 19
1.7.3 Eliminating Unknown Variables 20
1.7.4 Using Measurement Invariants for Control and Region Identification 22
1.8 Discussion 23
1.9 Conclusions 25
References 25

2 Controller Performance Monitoring and Assessment 27
Selvanathan Sivalingam and Morten Hovd
2.1 Introduction 27
2.2 Sources of Poor Control Loop Performance 30
2.2.1 Improper and Inadequate Controller Tuning and Lack of Maintenance 31
2.2.2 Equipment Malfunction or Poor Design 32

2.2.3 Poor or Missing Feedforward Compensation 33
2.2.4 Inappropriate Control Structure 34
2.3 Detection and Diagnosis of Oscillations in Control Loops ... 35
2.3.1 Detection of Oscillating Control Loops 35
2.3.2 The Oscillation Detection Method of Miao and Seborg (ACF Based) 37
2.3.3 Oscillation Diagnosis 42
2.4 Diagnosis of Valve Stiction: Issues and Directions 44
2.4.1 Definitions: Stiction, Deadzone and Backlash 44
2.4.2 Stiction Phenomenon in a Control Valve 45
2.5 Modelling of Valve Stiction 46
2.5.1 Physical Model 46
2.5.2 Two Parameter Model 48
2.5.3 One Parameter Model 51
2.5.4 Discussion on Various Stiction Models 52
2.6 Diagnosis of Valve Stiction 52
2.6.1 Shape-based Stiction Detection 53
2.6.2 Method Based on Cross-correlation Function 53
2.6.3 Stiction Detection Based on Curve Fitting 55
2.6.4 Stiction Detection using an OP-PV Plot 56
2.6.5 Stiction Detection using Higher Order Statistics ... 57
2.6.6 Stiction Detection using Hammerstein Model Based Approach 60
2.6.7 Stiction Compensation 60
2.6.8 Detection of Backlash 61
2.6.9 Backlash Compensation 63
2.7 Benchmarking and Performance Measures 64
2.7.1 Control Loop Performance Benchmarking 64
2.7.2 Modifications to the Harris Index 71
2.7.3 Assessing Feedforward Control 73
2.7.4 Advanced Benchmarks 73
2.7.5 Multivariate Performance Measures 74
2.8 Procedure for Controller Performance Assessment 75
2.8.1 Preliminary Analysis of Data 76
2.8.2 Detection of Specific Malfunctions 78
2.8.3 Evaluation of Level of Control Performance 78
2.8.4 Improvement of Control Performance 79
2.9 Issues in Multivariate Systems 80
References 82

3 Basic Notions of Robust Constrained PID Control 87
Mikuláš Huba
3.1 Introduction 88
3.2 Innovation versus Conservativeness 93
3.3 Advanced Modifications of PID Control 97

3.4 Performance of PID Control 101
3.4.1 Settling Time t_s, IAE, TV, TV_0, TV_1 and TV_2 102
3.4.2 Basic Qualitative Shapes of Transient Responses . . . 104
3.4.3 Quantifying Qualitative Measures 106
3.4.4 Performance Portrait (PP) 110
3.5 Dynamical Classes (DC) of Control 111
3.5.1 Dynamical Class 0 (DC0) 115
3.5.2 Dynamical Class 1 (DC1) 116
3.5.3 Dynamical Class 2 (DC2) 117
3.6 Fundamental and "ad hoc" Solutions 118
3.6.1 Setpoint Response 118
3.6.2 Disturbance Response 121
3.6.3 Internal and Zero Dynamics 122
3.7 Dead Time Systems 123
3.7.1 Delayed Fundamental Controllers 124
3.7.2 Fundamental Controllers – a New Concept? 124
3.8 Table of Fundamental PID Controllers 125
3.9 Generic and Intentionally Decreased DC 128
3.10 Summary 132
3.11 Questions and Exercises 134
References 134

4 Basic Fundamental Controllers of DC0 139
Mikuláš Huba
4.1 I, I_0 and FI_0 Controllers 139
4.1.1 Output Disturbance Reconstruction 140
4.1.2 Input Disturbance Reconstruction 141
4.1.3 Fundamental Properties of I_0 and FI_0 Controllers . . 143
4.1.4 Nonmodelled Dynamics Approximated by Dead-time – Analytical Treatment 143
4.1.5 Nonmodelled Dynamics Approximated by Dead-time – Treatment by Performance Portrait . . . 146
4.1.6 Nonmodelled Dynamics Approximated by Time Constant – Analytical Treatment 148
4.1.7 Nonmodelled Dynamics Approximated by Time Constant – Treatment by Performance Portrait 149
4.1.8 Tuning Based on Maximal Sensitivity $M_s = 1.4$ 150
4.1.9 Short Summary of Nominal I_0-Controller Tuning . . . 152
4.1.10 Robust Controller Tuning and Characteristics 154
4.2 PI_0 Controllers 158
4.2.1 Different Types of PI_0 and FPI_0 Controllers 158
4.2.2 PI_0-IM: Analytical Versus Numerical Robust Tuning 162
4.2.3 PI_0-IM: Impact of the Parameter Mismatch on Setpoint Steps 165

4.2.4 PI_0-IM: Impact of Parameter Mismatch for Disturbance Step ... 168
4.2.5 Influence of the Nonmodelled Dynamics ... 169
4.2.6 Effect of Measurement and Quantization Noise ... 170
4.2.7 Conclusions PI_0 ... 171
4.2.8 Performance Portrait of the FPI_0 Controller for $T_p = T_f$ ... 171
4.3 Predictive I_0 and Filtered Predictive I_0 Controllers (PrI_0 and $FPrI_0$) ... 172
4.3.1 Performance Portrait of the PrI_0 and $FPrI_0$ Controllers ... 175
4.3.2 Robust Tuning of the PrI_0 and $FPrI_0$ Controllers ... 176
4.4 Summary ... 182
4.5 Questions and Exercises ... 184
References ... 184

5 Introduction to Nonlinear Model Predictive Control and Moving Horizon Estimation ... 187
Tor A. Johansen
5.1 Introduction ... 187
5.1.1 Motivation and Main Ideas ... 188
5.1.2 Historical Literature Review ... 189
5.1.3 Notation ... 191
5.1.4 Organization ... 192
5.2 NMPC Optimization Problem Formulation ... 192
5.2.1 Continuous-time Model, Discretization and Finite Parameterization ... 192
5.2.2 Numerical Optimal Control ... 196
5.2.3 Tuning and Stability ... 202
5.2.4 Extensions and Variations of the Problem Formulation ... 210
5.3 NMHE Optimization Problem Formulation ... 215
5.3.1 Basic Problem Formulation ... 215
5.4 Numerical Optimization ... 225
5.4.1 Problem Structure ... 225
5.4.2 Nonlinear Programming ... 226
5.4.3 Warm Start ... 230
5.4.4 Computation of Jacobians and Hessians ... 231
References ... 233

6 Complexity Reduction in Explicit Model Predictive Control ... 241
Michal Kvasnica and Miroslav Fikar and Ľuboš Čirka and Martin Herceg
6.1 Introduction ... 241
6.2 Notation ... 243

6.3 Explicit Model Predictive Control 244
6.3.1 Quadratic Programming Definition 246
6.3.2 Explicit Solution 247
6.3.3 Summary 249
6.3.4 Numerical Example 249
6.4 Performance-Lossless Complexity Reduction of Explicit MPC 252
6.4.1 Introduction 252
6.4.2 Theoretical Background 252
6.4.3 Main Results 253
6.4.4 Numerical Examples 259
6.4.5 Random Systems 260
6.4.6 Combination of Clipping and ORM 264
6.5 Polynomial Approximation of RHMPC 265
6.5.1 Introduction 265
6.5.2 Theoretical Background 267
6.5.3 Main Results 269
6.5.4 Numerical Example 272
6.5.5 Real-time Control of a Thermo-Optical Device 273
References 285

7 Predictive Control of Mechatronic Systems with Fast Dynamics 289
Tomáš Polóni and Gergely Takács and Boris Rohal'-Ilkiv
7.1 Introduction 290
7.2 MPC Comparison for Vibrating Systems 292
7.2.1 Introduction 292
7.2.2 Problem Definition 294
7.2.3 Theoretical Summary 295
7.2.4 Experimental Setup 303
7.2.5 Off-line properties 306
7.2.6 On-line Properties 308
7.2.7 Conclusion 315
7.3 Pre-Filtered MHO for Vibration Dynamics 317
7.3.1 Introduction 317
7.3.2 Basic Model Formulation 318
7.3.3 Extended Kalman Filter 320
7.3.4 Moving Horizon Estimation Algorithm 321
7.3.5 Simulations 325
7.3.6 Extended Kalman Filter Setup 327
7.3.7 Moving Horizon Observer Setup 328
7.3.8 Simulation Results and Discussion 329
7.3.9 Conclusion 334
7.4 Predictive Control of Air-Fuel Ratio in Spark Ignition Engines 335
7.4.1 Introduction 335

7.4.2 Model Structure 336
7.4.3 Predictive Controller Design 340
7.4.4 Simulation 344
7.4.5 Conclusion 344
References 345

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