## CORRECTED CONTENTS\*

Introduction	1
Jan Brůha N4SID Algorithm as System Identification Tool	3
Ivana Horová, Marie Budíková Linear Smoothers and Additive Models	13
Zdeněk Karpíšek  Heterogeneity Characteristics of Cast Iron Alloying Elements	31
Jiří Kobza  Quartic Local and Quasilocal Splines	37
Lubomír Kubáček Optimum Design of Etalon Networks	53
Ludmila Kubáčková Optimum Elimination of Systematic Effects in Deformation Models	67
Radek Kučera Analysis of the Spline Smoothing Algorithms	73
Pavla Kunderová  Multivariate Linear Model with Presence of Nuisance Parameters	87
Jaroslav Michálek, Oleksandr G. Nakonechny Minimax estimates in regression model with restrictions on parameters and with variance matrix belonging to a special class of variance matrices	95

 $<sup>^*</sup>$ We apologize for omitting the names of co–authors of some papers in the original contents by mistake.

Miloslav Mikulík Bicubic Splines	105
Petr Peška The Moore-Penrose Inverse of Partitioned Morphism in Additive Category	111
Pavel Popela Application of Stochastic Programming in Foundry	117
Ladislav Skula Generalized Multivariate Normal Distribution	141
Filip Trojan Econometric Identification by Kalman Filter	149
Osvald Vašíček  Adaptive Parameter Estimation, Behavior Analysis and Optimal Control of Macroeconomic Model	163
Vítězslav Veselý Fast algorithms of Fourier and Hartley transform and their implementation in MATLAB	185
Ivan Zelinka	233

## **ERRATUM**

On the page 95 there should be "JAROSLAV MICHÁLEK" instead of "JAROSLAV MICHLEK" as the author.

On the page 105 there should be "MILOSLAV MIKULÍK" instead of "MILOSLAV MIKULK" as the author.

## CONTENTS

Introduction	1
Jan Brůha N4SID Algorithm as System Identification Tool	3
Ivana Horová  Linear Smoothers and Additive Models	13
Zdeněk Karpíšek Heterogeneity Characteristics of Cast Iron Alloying Ele- ments	31
Jiří Kobza  Quartic Local and Quasilocal Splines	37
Lubomír Kubáček Optimum Design of Etalon Networks	53
Ludmila Kubáčková Optimum Elimination of Systematic Effects in Deformation Models	67
Radek Kučera Analysis of the Spline Smoothing Algorithms	73
Pavla Kunderová  Multivariate Linear Model with Presence of Nuisance Parameters	87
Jaroslav Michálek Minimax estimates in regression model with restrictions on parameters and with variance matrix belonging to a special class of variance matrices	95

Miloslav Mikulík Bicubic Splines	105
Dicubic Spinies	
Petr Peška	111
The Moore-Penrose Inverse of Partitioned Morphism in Ad-	
ditive Category	
Pavel Popela	117
Application of Stochastic Programming in Foundry	
Ladislav Skula	141
Generalized Multivariate Normal Distribution	
Filis Trains	149
Filip Trojan  Econometric Identification by Kalman Filter	1.00
Econometric Identification by Kalman Filter	
Osvald Vašíček	163
Adaptive Parameter Estimation, Behavior Analysis and Optimal Control of Macroeconomic Model	
Vítězslav Veselý	185
Fast algorithms of Fourier and Hartley transform and their implementation in MATLAB	
Ivan Zelinka	233
New Trends in Prediction of Behaviour of Dynamic Systems	