CONTENTS

99 Editorial

101 In memoriam prof. Jože Černelč

103 In memoriam prof. emer. dr. sc. Ante Šantić

Gerrit van Straten

105 What can Systems and Control Theory do for Agricultural Science?
original scientific paper

Jean-Marie Aerts, Marcella Guarino,
Erik Vranken, Daniel Berckmans

119 Modelling Dust Emission from Fattening Pig House
original scientific paper

Krešimir Nenadić, Franjo Jović,
Stjepan Plištić

127 An Investigation of Automatic Treatment of Seeds with Low Power Laser Beam
original scientific paper

Naser Prljaca, Zoran Gajic

135 Optimal Control and Filtering of Weakly Coupled Linear Discrete-Time Stochastic Systems by the Eigenvector Approach
original scientific paper

Mohamad Hajj, Emmanuel Rodes,
Dina Serhal and Bernard Jecko

143 Metallic EBG Sectoral Antennas with different Polarizations
original scientific paper

Dejan Gradišar, Sebastjan Zorzut,
Vladimir Jovan

151 Model-based Production Control
original scientific paper

Dražen Jurišić, George S. Moschytz,
Neven Mijat

159 Low-Sensitivity, Single-Amplifier, Active-RC Allpole Filters Using Tables
original scientific paper

Janko Horvat, Miro Milanović

175 Low Cost High Efficiency Unipolar Converter for Permanent Magnet Synchronous Motors
professional paper

181 Comments and Opinions

185 Meetings and Events

193 Our Authors