

TABLE OF CONTENTS

Volume 4 Number 3

August 2013

A Feedforward Controller to Regulate the Chemical Composition of Molten Steel in a Continuous Casting Tundish

M. A. Barron, D. Yolotzin, I. Hilerio.....245

A Video Game Based on Elementary Differential Equations

M. Giacinti, F. Mariani, M. C. Recchioni, F. Zirilli.....250

Constant Force Feedback Controller Design Using PID-Like Fuzzy Technique for Tapping Mode Atomic Force Microscopes

Y.-J. Wang.....263

Boundary Control for 2×2 Elliptic Systems with Conjugation Conditions

A. H. Qamlo, B. G. Mohammed.....280

Decoupling Control Research on Test System of Hydraulic Drive Unit of Quadruped Robot Based on Diagonal Matrix Method

L. X. Quan, W. Zhang, B. Yu, L. Ha.....287

Robust Adaptive Neural Network Control for XY Table

N. H. Giap, J.-H. Shin, W.-H. Kim.....293

Design and Analysis of a Sliding Table Controller for Diabetes

A. Y. B. Sasi, M. A. Elmalki.....301

An Automata-Based Approach to Pattern Matching

A. Sever.....309

Attitude Control of a Flexible Satellite by Using Robust Control Design Methods

R. Mohsenipour, H. Nemat, M. Nasirian, A. K. Nia.....313

Slip Suppression of Electric Vehicles Using Sliding Mode Control Method

S. B. Li, T. Kawabe.....327

Attitude Control of a Quadrotor with Optimized PID Controller

H. Bolandi, M. Rezaei, R. Mohsenipour, H. Nemat, S. M. Smailzadeh.....335

The figure on the front cover is from the article published in Intelligent Control and Automation, 2013, Vol. 4, No. 3, pp. 335-342 by Hossein Bolandi, *et al.*