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Judul Karya Ilmiah Jumlah Penulis Status Pengusul	: I 1 : <u>5</u>	Design of self balancing pitch co ogic controller Orang	ntro	l in fixed wing	unmanned aerial	vehicle with fuz	zzy
Identitas Prosiding	: 8	. Judul Prosiding	:	2015 2nd Information Electrical Eng	International Technology, gineering (ICITA	Conference Computer, CEE)	on and
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Semarang,

Reviewer 1

Dr. Wahyudi, S.T., M.T. NIP. 196906121994031001 Unit Kerja : Teknik Elektro FT UNDIP

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Reviewer 2

Dr. Iwan Setiawan, S.T., M.T. NIP. 197309262000121001 Unit Kerja : Teknik Elektro FT UNDIP

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TABLE OF CONTENTS

Keynote Speakers

- 1 Novel Device Architectures and Carbon Based Materials for Future Nanoelectronics *Razali Ismail*
- 2 Distributed Consensus Control of Robot Swarm with Obstacle and Collision Avoidance Bambang Riyanto Trilaksono
- 3 Context-Awareness: Connecting Computing with Its Environment *Lukito Edi Nugroho*

Information and Computer Technologies

8 Exploring Indonesian Students' Perception on Mendeley Reference Management Software in Academic Writing

Muhammad Basri, Andi Anto Patak

- 14 Time Series Forecasting Using Exponential Smoothing To Predict The Number of Website Visitor of Sebelas Maret University *Rini Anggrainingsih, Gilang Romadhon Aprianto, Sari Widya Sihwi*
- 20 Model of Human Resources for Health Information Systems Bens Pardamean, Timor Utama, Diah Rostanti Fadilah
- 26 CANREG 5 Networks for Indonesia Bens Pardamean, Teddy Suparyanto, Diah Rostanti Fadilah
- 31 Popular Games, Can Any Concept of Cognitive Preschoolers Be in It? Endah Sudarmilah, Adhi Susanto, Ridi Ferdiana, Neila Ramdhani
- 36 An Integrative Framework of COBIT and TOGAF for Designing IT Governance in Local Government *Iis Hamsir Ayub Wahab, Assaf Arief*
- 41 Fuzzy MADM for Major Selection At Senior High School Fata Nidaul Khasanah, Adhistya Erna Permanasari, Sri Suning Kusumawardani
- 46 Sentinel Web: Implementation of Laravel Framework in Web Based Temperature and Humidity Monitoring System Lathifah Alfat, Aris Triwiyatno, R. Rizal Isnanto
- 52 Impact of Service-Oriented Architecture Adoption in Information System *Erick Fernando, Derist Touriano, Rico Rico*
- 56 Crosscutting Concerns Refactoring in Agent Framework Maman Somantri, Lukito Edi Nugroho, Widywan Widyawan, Ahmad Ashari
- 63 Developing Agent Application Using Aspect Oriented Aglets Framework Maman Somantri, Lukito Edi Nugroho, Widywan Widyawan, Ahmad Ashari
- 68 Autoregressive Moving Average Modeling in the Financial Sector Peihao LI, Chaoqun Jing, Tian Liang, Zhenglin Chen, Mingjia Liu, Li Guo
- 72 User Experience Model in the Interaction Between Children with Special Educational Needs and Learning Media Tri Sagirani, Lukito Edi Nugroho, Paulus Insap Santosa, Amitya Kumara
- 76 Performance Analysis of Edge and Detailed Preserved Speckle Noise Reduction Filters for Breast Ultrasound Images

Dina Arifatul Khusna, Hanung Adi Nugroho, Indah Soesanti

- 81 Virtual Sensor for Time Series Prediction of Hydrogen Safety Parameter in Degussa Sintering Furnace Dede Sutarya, Adhi Mahendra
- 87 Expert System Applications for Early Diagnosis Teeth and Oral Disease in Children Septya Maharani, Nataniel Dengen, Galih Yudha Saputra, Dyna Marisa Khairina, Heliza Rahmania Hatta

- 92 Department Recommendations for Prospective Students Vocational High School of Information Technology with Naïve Bayes Method *Dyna Marisa Khirina, Fajar Ramadhani, Septya Maharani, Heliza Rahmania Hatta*
- 97 Data Acquisition and Processing of Movement and Position for AUVs with Experiment Results Nanang Syahroni, Yuniar Riska W.P., Metha Puspa I., Hari Wahjuningrat Suparno, Henggar Budiman, Choi Jae Weon
- 102 Feature Extraction for Classifying Lession's Shape of Breast Ultrasound Images Hesti Khuzaimah Nurul Yusufiyah, Hanung Adi Nugroho, Teguh Baratha Adji, Anan Nugroho
- 107 The Role of Management Information System in Data Surveillance of Maternal and Child Health *Kurniawan Teguh Martono, Yudhy Dharmawan*
- 113 Stroke Identification System on the Mobile Based CT Scan Image Oky Dwi Nurhayati, Ike Pertiwi Windasari
- 117 Design of Management Information Systems Research, Publications and Community Service Kodrat Iman Satoto, Kurniawan Teguh Martono, R. Rizal Isnanto, Rinta Kridalukmana
- 123 Application of Liver Disease Detection Using Iridology with Back-Propagation Neural Network *R. G. Alam Nusantara Putra Herlambang, R. Rizal Isnanto, Ajub Ajulian Z.*
- 128 Geographics Information System of Islamic School in Cilacap Isti Qomariyah Kumala Dewi, Ike Pertiwi Windasari, Kodrat Iman Satoto
- 133 Portability Characteristic Evaluation Academic Information System Assessment Module Using AIS Quality Instrument Umi Laili Yuhana, Istiningdyah Saptarini, Siti Rochimah
- 138 Generic Social Network Data Crawler Using Attributed Graph *Rinta Kridalukmana*
- 143 Statistical Methods' Application in Comprehensive Sustainability Index and Its Application in Regional Sustainability Measurement *Peihao Li, Mingjia Liu*
- 148 Study on the Correlation of Web Repository Ranking to the Green Campus Ranking of Indonesian Universities

Adian Fatchur Rochim, Riri Fitri Sari

153 Palmprint Recognition System Based on Principle-lines Feature Using Euclidean Distance and Neural Network

R. Rizal Isnanto, Ajub Ajulian Z., Eko Didik Widianto

- 159 Multiplying Cipher Images on Visual Cryptography with ElGamal Algorithm *Alexander Edi Suranta Kacaribu, Ratnadewi Ratnadewi*
- 163 Vowel Pronunciation in Indonesian Language Recognition Using the Lips Angle Measurement and Lips Area

Ratnadewi Ratnadewi, Adhi Fajar Sakti Wahyudi, Anisa Fardhani Prasetyaningtyas

169 Electromyography (EMG) Signal Compression using Sinusoidal Segmental Model *Florentinus Budi Setiawan, Siswanto Siswanto*

Green Technology

- 173 A Mobile Diabetes Educational System for Fasting Type-2 Diabetics in Saudi Arabia Mohammed Alotaibi
- 177 Review: Interoperability Model of e-Goverment Services I Wayan Ordiyasa, Lukito Edi Nugroho, Paulus Insap Santosa, Ridi Ferdiana, Wahyudi Kumorotomo
- 183 Expert System for Campus Environment Indexing in Wireless Sensor Network Sumardi Sumardi, Oky Dwi Nurhayati, Muhammad Naufal Prasetyo, Eko Didik Widianto
- 187 Optimization of Photovoltaic Farm Under Partial Shading Effects Using Artificial Intelligent Based Matrix Switch Controller Antonius Rajagukguk, Dedet Candra Riawan, Mochamad Ashari
- 193 Implementation of Photovoltaic and Simple Resonant Power Converter for High Frequency Discharge Application Mochammad Facta, Hermawan Hermawan, Ngurah Ayu Ketut Umiati, Zainal Salam, Zolfakle Buntat

- 197 Feature Extraction and Classification for Detection Malaria Parasites in Thin Blood Smear Hanung Adi Nugroho, Son Ali Akbar, E. Elsa Herdiana Murhandarwati
- 202 An Epileptic Signal Preictal Ictal Using PCA, K-Means, K Nearest Neighbors Siswandari Noertjahjani, Risanuri Hidayat, Adhi Susanto, Samekto Wibowo

Electronics and Devices

- 207 Two Phase Flow Imaging Using Infra Red Tomography Sallehuddin Ibrahim, Mohd Amri Md Yunus, Muhammad Abu Bakar Sidik
- 211 Design of Self Balancing Pitch Control in Fixed Wing Unmanned Aerial Vehicle with Fuzzy Logic Controller *Aris Triwiyatno, Wahyul Amien Syafei, Teguh Prakoso, Budi Setiyono, Aristya Panggi Wijaya*
- 216 Intensity Average Value of Image Segmentation for Infrared Image of Environmental Condition S.R. Sulistiyanti, M. Komarudin, L. Hakim, A. Yudamson
- 221 FPGA-Based System for Countinous Monitoring of Three Vital Signs of Human Body Aminuddin Rizal, Munawar Agus Riyadi, Darjat Darjat
- 227 Robust Control Design for a Spindle of Lathe Machine *M. Khairudin*
- 233 Smart Controller Design of Air to Fuel Ratio (AFR) and Brake Control System on Gasoline Engine Aris Triwiyatno, Enda Wista Sinuraya, Joga Dharma Setiawan, Suroto Munahar
- 239 Design of Prepaid Energy Meter Based on PROTEUS Heribertus Himawan, Catur Supriyanto, Adrin Thamrin
- 244 The Development of Track Record Application for Conservation Activity and Wildlife in Indonesia Arie Vatresia, Jonathan P. Sadler, Rendra Regen Rais
- 250 A High Speed Low Power Reading Scheme in DRAMs Using Resonant Tunneling Diode *Ahmed Lutfi Elgreatly, Ahmed Ahmed Shaaban, El Sayed M. El-Rabie*
- 256 Control System of Train Speed Based on Fuzzy Logic Controller Reza Dwi Utomo, Sumardi Sumardi, Eko Didik Widianto
- 262 Comparison Methods of Noise Elimination for Pregnancy Image Processing *M. Khairudin, D. Irmawati*
- 266 Maximum Power Point Tracking Simulation for a Photovoltaic System Susatyo Handoko, Tejo Sukmadi
- 271 Design of Multisensor IMU for Land Vehicle Wahyudi Wahyudi, Ngatelan Ngatelan
- 275 Numerical Design of Dual Resonant Phased Array RF Coil for MRI 3T and 7T System *Basari Basari, Sri Yuliyanti, Eko Tjipto Rahardjo, Fitri Yuli Zulkifli*
- 279 Investigation of Nanofiber Polyaniline Properties as Active Material for Biosensor Ngurah Ayu Ketut Umiati, Mochammad Facta, Kuwat Triyana, Kamsul Abraha
- 284 The Depletion Influence on the Non-planar Vertical MOSFET Threshold Voltage Munawar Agus Riyadi, Darjat Darjat, Teguh Prakoso, Jatmiko E. Suseno
- 288 Performance Enhancement of Directional Coupler Using Split Ring Resonator Vidya Noor Rachmadini, Achmad Munir
- 292 Reconfigurable Radiation Pattern of Microstrip Antenna Using Shorting Post Meutia Yunita, Achmad Munir

Power Systems

297 Harmonics Reduction Using LLCL Filter on Residential Loads 450 VA and 900 VA in Central Java-Indonesia

Sapto Nisworo, Hamzah Berahim, Tumiran Tumiran, Suharyanto Suharyanto

- 303 A Three-phase Power Flow Analysis for Electrical Power Distribution System with Low Voltage Profile Lukmanul Hakim, Muhamad Wahidi, Umi Murdika, Federico Milano, Junji Kubokawa, Naoto Yorino
- 309 Design of Photovoltaic Powered Converter to Provide AC Controlled Voltage Source *Slamet Riyadi*

2/14/2020	Two phase f	low imaging using infra	a red tomography - IE	EE Conference	Publication
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I. Introduction					
II. System Configuration	Abstract: Data on flow regimes process flow. This paper preser tomography system us View I	s is important in measu its an investigation on nore	iring and analyzing in the use of an infra re	dustrial d	Top Organizations with Patents on Technologies Mentioned in This Article
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IV. Results and	Abstract:				ORGANIZATION 3
Discussion	Data on flow regimes is importa This paper presents an investig	int in measuring and a ation on the use of an	nalyzing industrial pro infra red tomography	system	ORGANIZATION 2
Authors	using 16 × 16 infra red sensors	to monitor solid particl	es conveyed by a pro-	eumatic	ORGANIZATION 1
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Sallehuddin Ibrahim Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor Bahru, Malaysia

Mohd Amri Md Yunus

Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor Bahru, Malaysia

Mohd Taufiq Md Khairi

Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor Bahru, Malaysia

Muhammad Abu Bakar Sidik

Institut of High Voltage and High Current (IVAT), Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor, Malaysia

Contents

I. Introduction

Tomography derives from the two Greek words i.e. tomo which means slice and graph which means picture [1]. The history of tomography dated back to the discovery of x-ray. The discovery of x-ray by Wilhelm Roentgen in 1895 proved to be a significant contribution in modern medicine. Such invention enabled us to probe both non-living and living objects without invading the subject itself [2]. However this type of projection still has some flaws as the images were formed by Sign in to Continue Reading superimposing all planes normal to the direction of X-ray propagation. Beginning from 1930s conventional tomography made use of the tomographic method based on the X-ray radiation which provided two and three dimensions of images [3]. In the late 1960s the use of tomography attracted the interest of those in the process industries including those involved in flow measurement [3]. They began to explore ways of exploiting tomography to extract vital data on flow.

	Authors	^	
	Sallehuddin Ibrahim Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor Bahru, Malaysia		
	Mohd Amri Md Yunus Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor Bahru, Malaysia		
	Mohd Taufiq Md Khairi Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor Bahru, Malaysia		
	Muhammad Abu Bakar Sidik Institut of High Voltage and High Current (IVAT), Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor, Malaysia		
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Northwestern Polytechnical University, Xi'an, China

Tian Liang

Northwestern Polytechnical University, Xi'an, China

Mingjia Liu

Northwestern Polytechnical University, Xi'an, China

Zhenglin Chen

Northwestern Polytechnical University, Xi'an, China

Li Guo

Northwestern Polytechnical University, Xi'an, China

Contents

I. Introduction

Autoregressive moving average model (ARIMA) is a statistical analysis model which utilizes time series data to predict future data. It is a form of regression analysis that seeks to predict future movements along the seemingly random walk taken by stocks and the financial market by examining the differences between values in the series instead of using the actual data values. Lags of the differenced series are referred to as "autoregressive" and lags within forecasted data are referred to as "moving average." The general model includes autoregressive as well as moving average parameters, and explicitly includes differencing in the formulation of the model Stype infitcal Dontlieuter Be applies of parameters in the model are: the autoregressive parameters (p), the number of differencing passes (d), and moving average parameters (q) [1]. These models are fitted to time series data either to better understand the data or to predict future points in the series (forecasting). They are applied in some cases where data show evidence of non-stationarity, where an initial differencing step (corresponding to the "integrated" part of the model) can be applied to reduce the nonstationarity [2]. ARIMA modeling can take into account trends, seasonality, cycles, errors and non-stationary aspects of a data set when making forecast.

Authors

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Peihao Li Northwestern Polytechnical University, Xi'an, China

Chaoqun Jing Northwestern Polytechnical University, Xi'an, China

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Sustainability	evaluating sustaina View r	nore			ORGANIZATION 4
III. Case Study: 20 Year Sustainable	Metadata Abstract:				ORGANIZATION 2
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Peihao Li

School of Astronautics, Northwestern Polytechnical University, Xi'an, China

Mingjia Liu

School of Software Engineering and Microelectronics, Northwestern Polytechnical University, Xi'an, China



I. Introduction

Today, how to realize sustainable development has become one of the priority issues in the face of human beings. The United Nations World Commission on Environment and Development in its 1987 report Our Common Future defines sustainable development: "Development that meets the needs of the psessent with counting Reardshing the ability of future generations to meet their own needs." Given finite natural resources and vulnerable living environment, meeting the needs of human kinds require attaining sustainability in economic development, social development and environmental protection.

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Authors	increasingly used in improvin diabetes and several studies	g the self-management of have proven its efficiency.	chronic diseases su Further, research h	uch as las shown	•
Figures	that increased awareness of t disease and consequently rea	the disease helps the diab duce the complications ari	betics to effectively n ising due to diabetes	nanage their s. In this	
References Keywords	paper, an education program presented. The education pro management system named Saudi Arabia to increase the	for fasting diabetes patier gram makes use of an int SAED, tailored for Type-2 awareness of the disease	nts in Kingdom of Sa celligent mobile diabe diabetes patients in amongst the patient	audi Arabia is etes I Kingdom of ts. The aim of	
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N	Mohammed Alotaibi Faculty of Computer Science and Information Technology, University of Tabuk, Saudi Arabia					
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