

平成 24 年度研究業績 (2012 年 4 月～2013 年 3 月)

情報工学科

【論文】

城間政司, 長田智和, 谷口祐治, 名嘉村盛和, 玉城史朗, トラストフレームワークモデルを適用した OpenID 拡張手法の提案, 情報処理学会論文誌, Vol. J95-D, No. 12, pp.2021-2030, 2012

Mahdi Khosravy, Mohammad Reza Asharif, Atsuhiko Urata and Katsumi Yamashita, Human Detection Deploying Morphological Filters, Vol. 6, No. 7, 2012

Mahdi Khosravy, Mohammad Reza Asharif, Ryota Shomija and Katsumi Yamashita, Image Mosaic and Semi-Blind De-Mosaic Based on Independent Component Analysis, Vol. 3, No. 3, 2012

Mahdi Khosravy, Ustijana Rechkoska Shikoska, Ruoyu Li, Mohammad Reza Asharif and Katsumi Yamashita, Biased - Proportionate Normalized Least-Mean-Squares Adaptation, ICIC Express Letters, Vol. 6, No. 11, 2012

Faramarz Asharif, Shiro Tamaki, Tsutomu Nagado, Tomokazu Nagata and Mohammad Reza Alsharif, Evaluation of Restrained-Control of Small-Scale Wind Turbine System Considering Round Trip Delay, ITC-CSCC 2012, Sapporo, 2012

Mohammad Asaduzzaman, Mohammad Reza Alsharif, Mahdi Khosravy, Katsumi Yamashita, Echo Cancellation using Kullback Leibler ICA, ITC-CSCC 2012, Sapporo, 2012

Carlos Enrique Gutiérrez, Mohammad Reza Alsharif, Rafael Villa, Katsumi Yamashita, Hayao Miyagi, Data Pattern Discovery on Natural Disaster News, ITC-CSCC 2012, Sapporo, 2012

He Cuiwei, Mohammad Reza Asharif, Katsumi Yamashita and Chen Rui, A New Robust Watermarking Algorithm for Digital Image Based on DWT and SVD, ITC-CSCC 2012, Sapporo, 2012

Faramarz Asharif, Shiro Tamaki, Mohammad Reza Alsharif, Heung Gyoonyu, Improvement and Comparison of Modulus Algorithm Blind Equalizer Learning Curve in Time and Frequency Domain, ICTC 2012, IEEE, Ramada Plaza Jeju Hotel, Jeju, Korea, 2012

He Cuiwei, Mohammad Reza Asharif, Carlos Enrique Gutierrez, Katsumi Yamashita and Chen Rui, A Robust Image Watermarking Algorithm Based on DCT-SVD and Arnold Scrambling, 27th SIP Symposium, Ishigaki, ANA Intercontinental Ishigaki Resort, Okinawa, Japan, No. A6-1, 2012

He Cuiwei, Mohammad Reza Asharif, Chen Rui, Katsumi Yamashita and Carlos Enrique Gutierrez, A Robust Watermarking Scheme for Digital Audio Based on ICA and DWT-SVD, 27th SIP Symposium, Ishigaki, ANA Intercontinental Ishigaki Resort, Okinawa, Japan, No. B1-1, 2012

Atsuhiko Urata, Mohammad Reza Asharif, Mahdi Khosravy, Morphological Human range detection by discrimination of range of body parts, 27th SIP Symposium, Ishigaki, ANA Intercontinental Ishigaki Resort, Okinawa, Japan, No. A7-3, 2012

Carlos Enrique Gutierrez, Prof. Mohamad Reza Alsharif, He Cuiwei, Rafael Villa, Prof. Katsumi Yamashita, Prof. Hayao Miyagi and Prof. Kurata Koj, Natural Disaster Online News Clustering by Self-Organizing Maps, 27th SIP Symposium, Ishigaki, ANA Intercontinental Ishigaki Resort, Okinawa, Japan, No. A7-26, 2012

Faramarz Asharif, Shiro Tamaki, Mohammad Reza Alsharif, Heung Gyoonyu, Adaptive Channel Equalizer of Multi-Path Feedback Channel for OFDM Based Wireless Repeater System, 27th SIP Symposium, Ishigaki, ANA Intercontinental Ishigaki Resort, Okinawa, Japan, No. C6-3, 2012

Mohammad Reza Asharif, Nobuhiro Tomori, Mahdi Khosravy, Faramarz Asharif, Katsumi Yamashita, Tomohisa Wada, Single Sensor Harmonic Interference Canceler (SSHIC), 27th SIP Symposium, Ishigaki, ANA Intercontinental Ishigaki Resort, Okinawa, Japan, No. A7-11, 2012

He Cuiwei, Mohammad Reza Asharif, Shiro Tamaki, Carlos Enrique Gutierrez, Katsumi Yamashita and Chen Rui, A new Robust Watermarking Algorithm for Digital

Image Based on DCT-SVD and Arnold Scrambling, IEICE Technical Report, Satellite Telecommunications, Okinawa, SAT 2012-56, Vol. 112, No. 440, pp.53-58, 2013

Carlos Ellrique Gutierrez, Prof. Mohamad Reza Alsharif, Rafael Villa, Prof. Katsumi Yamashita, He Cui, Prof. Hayao Miyagi, Prof. Shiro Tamaki, Semantic Self-Organizing Map for Natural Disasters News, IEICE Technical Report, Satellite Telecommunications, Okinawa, SAT 2012-58, Vol. 112, No. 440, pp.67-71, 2013

Seizi Takemoto, Mohammad Reza Asharif, Shiro Tamaki, Consideration of the Energy Calculation for Seamcarving, IEICE Technical Report, Satellite Telecommunications, Okinawa, SAT 2012-59, Vol. 112, No. 440, pp.73-75, 2013

Faramarz Asharif, Shiro Tamaki, Mohammad Reza Alsharif, Heung Gyoonyoung, Blind Adaptive Channel Equalizer of Multi-Path Feedback Channel for OFDM-Based Wireless Repeater System, IEICE Technical Report, Satellite Telecommunications, Okinawa, SAT 2012-61, Vol. 112, No. 440, pp.83-86, 2013

Hitoshi Afuso, Takeo Okazaki, Morikazu Nakamura, Global Network Alignment Method Using Node Similarity Based on Network Characteristic, IPSJ Transactions on Bioinformatics, Vol. 6, pp.2-8, 2013

Sonam Tshering, Takeo Okazaki, Satoshi Endo, A Method to Identify Missing Data Mechanism in Incomplete Dataset, International Journal of Computer Science and Network Security, Vol. 13, No. 3, pp.14-17, 2013

Hitoshi AFUSO, Takeo Okazaki, Morikazu Nakamura, Artificial Data Generation Scheme Based on Network Alignment for Evaluation Considering Structural Diversity, International Journal of Computer Science and Network Security, Vol. 12, No. 11, pp.59-64, 2012

Hitoshi AFUSO, Takeo Okazaki, Morikazu Nakamura, Comparative Study of Score Functions for Edge Orientation in Genetic Network Estimation, International Journal of Computer Science and Network Security, Vol. 12, No. 9, pp.32-38, 2012

Sonam Tshering, Takeo Okazaki, Satoshi Endo, Developing a Web-based GNH Survey Application and a Web Service for Identifying Missing Data Mechanism in Incomplete

Survey Data, International Journal of Computer Science and Network Security, Vol. 12, No. 8, pp.44-48, 2012

Sonam Tshering, Takeo Okazaki, Satoshi Endo, Testing Theories about the Composition of GNH Domains and Subsequently Building Causal Models by Means of Structural Equation Modeling, International Journal of Advanced Research in Computer Science, Vol. 3, No. 5, pp.83-91, 2012

Sonam Tshering, Takeo Okazaki, Satoshi Endo, Exploring and Determining a Simulation Study in the Context of Gross National Happiness (GNH) Data Set, International Journal of Computer Science and Network Security, Vol. 12, No. 5, pp.32-38, 2012

Sonam Tshering, Takeo Okazaki, Building a web service and a client application for missing data mechanism identification method, Proceedings of International Technical Conference on Circuits/Systems, Computer and Communications, 2012

Ayako Ohshiro, Takeo Okazaki, Hitoshi Afuso, Accuracy improvement for a short read sequencer data by multiple overlap processing, Proceedings of International Technical Conference on Circuits/Systems, Computer and Communications, 2012

#### 【著書】

なし

#### 【口頭発表・その他】

Yui Shimura, Tomohisa Wada, Study on Adaptive Array and Carrier Diversity Hybrid OFDM Receiver for ISDB-T Mobile Reception, ICCE2012, 2012

Genta Izumi, Tran Minh Hai, Tomohisa Wada, Investigation on Performance of ICI Canceller for OFDM Mobile Receiver, ICCE2012, 2012

Tran Minh Hai, Tomohisa Wada, On Improvement of the ICI Canceller for OFDM Mobile DTV Receiver, ICACT2013, 2013

李在炯, 城間政司, 丹田賢, 梅橋一充, 長田智和, 谷口祐治, 名嘉村盛和, リソースアクセス情報に基づく未知のマルウェア検知手法, 第 11 回情報科学技術フォーラム, 2012

城間政司, 長田智和, 谷口祐治, 名嘉村盛和, 玉城史朗, OpenID Connect を利用したメール送信者制御手法の検討, 情報処理学会研究会報告, 2012

Ayako Ohshiro, Takeo Okazaki, Hitoshi Afuso, Morikazu Nakamura, A study of double assembly method for DNA sequences, 情報処理学会バイオ情報学研究会, 2013

Hitoshi Afuso, Takeo Okazaki, Morikazu Nakamura, Vertex Similarity based on Network Characteristics for Alignment of directed graphs, 情報処理学会バイオ情報学研究会, 2012

#### **【学外活動】**

和田 知久, On Improvement of the ICI Canceller for OFDM Mobile DTV Receiver, 2012, 電子情報通信学会

和田 知久, 水中音声帯域 OFDM 通信におけるダイバーシティ技術の導入に関する検討, 2013, 電子情報通信学会

和田 知久, AM ラジオ信号の重畳した周期性ノイズ信号除去法に関する検討, 2013, 電子情報通信学会

#### **【受賞学術賞】**

なし