Point

Kenta, Mizusaki

Shigeo, Kotake

Poster Session for Thursday September 7, 2023		14:20-15:20	ThPOS1.10
		Evaluation of Residual Magnetic Flux	Flow around Fractured Surface
ThPOS1	Sansui Hall	of SS400 Steel after Charpy Impact T	-est
Machine Control, Electronics, Measureme			
· · · · · · · · · · · · · · · · · · ·	er Session 1)	Yuki, Nishimuta	Mie Univ.
Chair: Shigeo Kotake	Mie Univ.	Shigeo, Kotake	Mie Univ.
14:20-15:20	ThPOS1.1	14:20-15:20	ThPOS1.11
Swing-up and Swing-down Feedforward C		Estimation of Elastic and Viscous Tor	
Pendulum by Changing the Period and Ampl	itude of VFM	Varying Elastic Coefficient Model Dur	ing Passive Plantar/Dorsiflexion
Dam, Van Hai	Mie Univ.	Hiroto, Takai	Mie Univ.
Takuma, Yamashita	Mie Univ.	Daisuke, Yashiro	Mie Univ.
Shigeo, Kotake	Mie Univ.	Kazuhiro, Yubai	Mie Univ.
14:20-15:20	ThPOS1.2	Satoshi, Komada	Mie Univ.
Load Side Angle Control by Twin Drive Syste	em Using Torsional Angle	14:20-15:20	ThPOS1.12
of Electromagnetic Motor with Reducer with L	Drive/Load Side Encoder	Gaze Fixation Frequency in Memory Randomly Placed Voronoi-Tessellate	
Yuto, Ikeda	Mie Univ.		
Daisuke, Yashiro	Mie Univ.	Gen, Anjiki	Mie Univ.
Kazuhiro, Yubai	Mie Univ.	Masaki, Ogawa	Mie Univ.
Satoshi, Komada	Mie Univ.	14:20-15:20	ThPOS1.13
14:20-15:20	ThPOS1.3	Computer Simulation of the Effect of the	the Inter-Phase Delay of Biphasi
Identification of Nonlinear Spring Characteris Control of a Robot Arm Including Motors with Encoders/Reducer		Current Stimulus Pulse on the Inducti Responses	
		Ryo, Fujita	Mie Univ.
Kyotaro, Noba	Mie Univ.	Santa, Fukuda	Mie Univ.
Yashiro, Daisuke	Mie Univ.	Yuki, Hayashida	Mie Univ.
Yubai, Kazuhiro	Mie Univ.	14:20-15:20	ThPOS1.14
Komada, Sotoshi	Mie Univ.	Investigation on the Influence of Assis	st Device Appearance on Weight
14:20-15:20	ThPOS1.4	Sensory Characteristics	
Including Delay Time Compensate or Using a and Position Sensor for Electric Propeller Dri Shinichiro, Bando Daisuke, Yashiro Kazuhiro, Yubai Satoshi, Komada		Katsunori, Konishi Ryoujun, Ikeura Soichiro, Hayakawa Syunichi, Yoshida 14:20-15:20 Association between ECG Monitoring	Mie Univ. Mie Univ. Mie Univ. Mie Univ. ThPOS1.15  and Signs of Heat Stroke
14:20-15:20	ThPOS1.5	Ayaka, Fukui	Mie Univ.
Feedforward Vibration Control of 1DOF Over		Motoki, Ohfuka	Mie Univ.
with DC Motor by Using 2 Ponit-Boundary Fu	inction and machine	Soichiro, Hayakawa	Mie Univ.
Learning		Ryojun, Ikeura	Mie Univ.
Shigeo, Kotake	Mie Univ.	Kenichiro, Yao	Chubu Electric Power Co.
Syota, Hamaguchi	Mie Univ.	Toshifumi, Sugimoto	Chubu Electric Power Co.
14:20-15:20	ThPOS1.6	14:20-15:20	ThPOS1.16
Creation of Iron Loss Model for Efficiency of Motor (SRM)		A Study on the Duration of Operator's Power-Assist Device	Mass Perception for Using
•		Ryoya, Matsuda	Mie Univ.
Taichi, Matsunaga	Mie Univ.	Ryoujun, Ikeura	Mie Univ.
Naoki, Yamamura	Mie Univ.	Soichiro, Hayakawa	Mie Univ.
14:20-15:20	ThPOS1.7	Syunichi, Yoshida	Mie Univ.
Field-Programmable Gate Array-based Paral	lel Signal Processing in	14:20-15:20	ThPOS1.17
the Multi-Channel Recording-and-Stimulation Closed-loop Control of Biological Tissue Cult	Single-Board System for	A Three-Dimensional Convolutional N Natural Images from Spatiotemporal I by a Hardware Model of the Biologica	leural Network to Reconstruct Neuromorphic Spikes Generated
Satoshi, Wada	Mie Univ.	_, za. aa. a aar ar ara brotograa	
Kosuke, Takayama	Osaka Univ.	Tomoya, Nokura	Mie Univ.
Toshihiro, Shimizu	Osaka Univ.	Ryosuke, Okada	Mie Univ.
Tetsuya, Yagi	Osaka Univ.	Shinjiro, Yamamasu	Mie Univ.
Yuki, Hayashida	Osaka Univ.	Yuki, Hayashida	Mie Univ.
14:20-15:20	ThPOS1.8	14:20-15:20	ThPOS1.18
This poster is cancelled.		Real Time Processing for the Respon Patient-Specific Epilepsy in an Edge	sive Neural Stimulation for
14:20 15:20	ThD004.0	Vista I liva	8 At _ 1 L. *
14:20-15:20	ThPOS1.9	Yuto, Hirano	Mie Univ.
Repeated Spring Constant Measurement on		Shinjiro, Yamamasu	Mie Univ.
Pearlite Steel Wire Heat Treated at the Vicini	ty of A₀ Transformation	Yuki, Hayashida	Mie Univ.

Mie Univ.

Mie Univ.

A Machine Learning-Based Method for Patient-Specific Selection of Electrocorticogram Electrode Placement in Responsive Neurostimulation

ThPOS1.19

Moemi, Yamaji	Mie Univ.
Shinjiro, Yamamasu	Mie Univ.
Yuki, Hayashida	Mie Univ.
14:20-15:20	ThPOS1.20
Development of Operation Support System for I Shipbuilding by Using Machine Learning	Line Heating of
Shogo, Morii	Mie Univ.
Ryojun, Ikeura	Mie Univ.
Soichiro, Hayakawa	Mie Univ.
14:20-15:20	ThPOS1.21
Evaluation of the Piano Wire Assist Suit's Effect	
Low Back Pain During Long Time Postural Hold Electromyogram	
Kaita Vamamata	Mie Univ.
Kaito, Yamamoto	Mie Univ.
Ryojun, Ikeura	
Soichiro, Hayakawa	Mie Univ.
Syunichi, Yoshida	Mie Univ.
14:20-15:20	ThPOS1.22
Exploring the Accuracy of Motion Sickness Intel Using Facial Surface Temperature Changes	nsity Estimation Model
Tatsuki, Ohashi	Mie Univ.
Yuto, Kinoshita	Mie Univ.
Masaki, Ogawa	Mie Univ.
14:20-15:20	ThPOS1.23
Examining Biophysiological Signal Analysis and Early Identification of Motion Sickness	Detection Methods for
Yuto, Kinoshita	Mie Univ.
Masaki, Ogawa	Mie Univ.
14:20-15:20	ThPOS1.24
Evaluation of Remote Operation Display Layout Operability for Autonomous Car	to improve Remote
Daichi, Takahashi	Mie Univ.
Soichiro, Hayakawa	Mie Univ.
Ryojun, Ikeura	Mie Univ.
14:20-15:20	ThPOS1.25
Validity Verification for Measuring Lumbar Musc during Long-time Driving using Tissue Oxygen S	_
Kazuaki, Tabata	Mie Univ.
Riku, Inden	Mie Univ.
Naohiro, Tanase	Mie Univ.
Soichiro, Hayakawa	Mie Univ.
Ryojun, Ikeura	Mie Univ.
Shigeyoshi, Tsutsumi	Kagawa Univ.
Takumi, Yamakawa	Tachi-s Co., Ltd.
14:20-15:20	ThPOS1.26
Visibility Evaluation of Underpass Warning Disp Disaster Prevention	
Seiya, Nishimura	Mie Univ.
Soichiro, Hayakawa	Mie Univ.
Ryojun, Ikeura	Mie Univ.
14:30-15:30	ThPOS1.27
Development of Four-Wheel Electric Mobility wi Suspension Mechanisms	
Koigo Johio	Mia Univ
Keigo, Ichio	Mie Univ.
Mitsuru, Fujii	Mie Univ.
Hirokazu, Matsui	Mie Univ.
Norihiko, Kato	Mie Univ.

FrPOS2	Sansui Hall	Satoshi, Koda Hiroshi, Someya	Tokai Univ Tokai Univ
Machine Control, Electronics, Measurement,		14:30-15:30	FrPOS2.1
.ife Engineering, Vehicle (Po Chair: Shigeo Kotake	ster Session 2) Mie Univ.	Motor Imagery Skill Assessment Usi	ng Eye Movement Characteristics
		Hilliam Niemale	Kanaahina Hair
14:30-15:30	FrPOS2.1	Hikaru, Nuruki	Kagoshima Univ
Active Visual Servoing for Automated Disa	ssembling	Taiki, Kawahara	Kagoshima Univ
Kanasi Tanaha	Talana Hain of Cai	Atsuo, Nuruki	Kagoshima Univ
Kensei, Tanaka	Tokyo Univ. of Sci.	14:30-15:30	FrPOS2.13
Shogo, Arai	Tokyo Univ. of Sci.	Garment Recognition and Reconstru	ction Using Object SLAM
14:30-15:30	FrPOS2.2	Zhana Wilia	Tabalos Hais
Optimization of Manipulator Paths and Fixt	ure Placement for	Zhang, Yilin	Tohoku Univ
Automation		Hashimoto, Koichi	Tohoku Univ
Obstant Natori	Talana Hain of Cai	14:30-15:30	FrPOS2.1
Shotaro, Natsui	Tokyo Univ. of Sci.	Gaze Object Prediction with Multi Sir	ngle-View
Raito, Murakami	Tokyo Univ. of Sci.		
Shogo, Arai	Tokyo Univ. of Sci.	Jean-Camille, Seck	Tohoku Univ
14:30-15:30	FrPOS2.3	Koichi, Hashimoto	Tohoku Univ
Towards Remote Experiment With Inverted	l Pendulums at Two Distant	14:30-15:30	FrPOS2.1
Locations		Human Relationship Recognition Ba	
0	No. of the	Mutual Gazes through Video Analysi	S
Susumu, Hara	Nagoya Univ.		
Yuji, Kurasaki Daisuke, Tsubakino	Nagoya Univ. Nagoya Univ.	Matus, Tanonwong	Tohoku Univ
Daisuke, Tsubakino Kazuaki, Ito	Nagoya Univ. Gifu Univ.	Koichi, Hashimoto	Tohoku Univ
		14:30-15:30	FrPOS2.1
14:30-15:30	FrPOS2.4	Investigating the Neural Mechanisms	s of Input Association in the
Transfer Function-Based Stability Analysis		Hippocampus	
Communication Systems Using a Discrete	Fourier Transform Matrix		
T		Shion, Kiba	Tamagawa Univ
Taishi, Kotsuka	Keio Univ.	Tadayoshi, Monden	Tamagawa Univ
Yutaka, Hori	Keio Univ.	Naoki, Nakajima	Kyushu Inst. of Inform. Sc
14:30-15:30	FrPOS2.5	Takeshi, Aihara	Tamagawa Univ
Robust Design of DNA Circuits against Un	certain Reactions	14:30-15:30	FrPOS2.1
D 01		Association of Place and Odor Input	Information in the Dentate Gyrus
Ryo, Obana	Kyushu Inst. of Tech.	of the Hippocampus	
Kaori, Aso	Kyushu Inst. of Tech.		
Takashi, Nakakuki	Kyushu Inst. of Tech.	Hayato, Tanaka	Tamagawa Univ.
14:30-15:30	FrPOS2.6	Naoki, Nakajima	Kyushu Inst. of Inform. Sci.
Path Planning for Manipulators to Measure	and Grasp Objects with	Hirofumi, Hayakawa	Tamagawa Univ.
Diverse Optical Properties		Tadanobu, Kamijyo	Univ. of the Ryukyu
		Takeshi, Aihara	Tamagawa Univ.
Takumi, Sagano	Tokyo Univ. of Sci.	14:30-15:30	FrPOS2.1
Kennis, Ginga	Tokyo Univ. of Sci.	Text Mining Analysis on Online Musi	c Reviews: A Pilot Study on
Shogo, Arai	Tokyo Univ. of Sci.	Dream Theater	
14:30-15:30	FrPOS2.7	IZ. del IZCente	
Development and Performance Evaluation	of an Optical Tactile Sensor	Kodai, Kitagawa	last of Took   Llockiacks College
using Transparent Flexible Resin			Inst. of Tech., Hachinohe College
		Toshifumi, Tanaka	Independent Researcher
Masanori, Goka	Fukuyama Univ.	14:30-15:30	FrPOS2.1
Masami, Yukihira	Fukuyama Univ.	Comparison of Regression Models for	
14:30-15:30	FrPOS2.8	Patient Lifting Motion using a Single	Inertial Sensor
3D Modeling of Natural Monument Dochu		Vadai Vitanaus	
Photography and Setting up VR Environme	ents	Kodai, Kitagawa	last of Took   Hookingha College
			Inst. of Tech., Hachinohe College
Katsushi, Ogawa		Chikamune, Wada	Kyushu Inst. of Tech
	lectro-Communication Univ.	Takayuki, Nagasaki	Reiwa Health Sci. Univ
Hiroshi, Yamaguchi	Tokusima Univ.	Sota, Nakano Kvushu Hi	niv. of Nursing and Social Welfare
14:30-15:30	FrPOS2.9	Mitsumasa, Hida	iiv. oi Nursing and Social Wellare
Recent Advances in Force and Torque Me	trology in NMIJ	-	aka Kawasaki Rehabilitation Univ
		Shogo, Okamatsu	Hot-Will Co., Ltd.
Toshiyuki, Hayashi		14:30-15:30	FrPOS2.20
	Inst. of Japan (NMIJ), AIST		
Atsuhiro, Nishino		Muscle Coordination Patterns in Reg	ulation of iviedial Gastrochemius
Nat. Metrology	Inst. of Japan (NMIJ), AIST	Activation during Walking	
	FrPOS2.10	Pania Vibuahi	Vaha II-i-
14:30-15:30		Benio, Kibushi	Kobe Univ.
14:30-15:30 Application Example to Non-Destructive In	spection Using Terahertz	14:30-15:30	FrPOS2.2 <sup>2</sup>
	spection Using Terahertz		
Application Example to Non-Destructive In	spection Using Terahertz	Development of an Immersive Virtua	
Application Example to Non-Destructive In	spection Using Terahertz  Ken Automation, Inc.		
Application Example to Non-Destructive In Wave Tatsuya, Yaoita		Development of an Immersive Virtua Search Tasks for Unilateral Spatial N	leglect
Application Example to Non-Destructive In Wave	Ken Automation, Inc. FrPOS2.11	Development of an Immersive Virtua	

	Kento, Nose	Kagoshima Univ.		
	Seiji, Etoh	Kagoshima Univ.		
	Kentaro, Kawamura			
14:30-15:3		FrPOS2.22		
		Operation System for 5 DOFs Shoulder		
Prosthesis	Using Simple Speec	h Recognition Device		
	Masashi, Sekine	Chiba Univ.		
	Wenwei, Yu	Chiba Univ.		
14:30-15:3	•	FrPOS2.23		
		sing Partitioned EKF-SLAM		
Tracking o	i woving Obstacies u	Sing Fartitioned ETT -GEAW		
	Qiong, Pan	Tokyo City Univ.		
	Kazuma, Sekiguchi	Tokyo City Univ.		
	Kenichiro, Nonaka	Tokyo City Univ.		
14:30-15:3	30	FrPOS2.24		
A Study or	n Automation of Pneu	matic Caisson Method (Automatic		
		d Testing Using Actual Equipment)		
	Hayato, Osaki	Nippon Inst. of Tech.		
	Kiichiro, Ishikawa	Nippon Inst. of Tech.		
	Yusen, Inagawa	Obayashi Co.		
	Taichi, Terui	Obayashi Co.		
	Shinichi, Tachibana			
	Shingo, Tsugawa	Ohmoto Gumi Co., Ltd.		
14:30-15:3		FrPOS2.25		
	•	on Model for a Ship under Sea Waves		
Disturband	ce			
	Takuma Imamura			
	Takuma, Imamura	Tokyo Univ. of Marine Sci. and Tech.		
	Shang, FeiFei	Tokyo Offiv. of Marine Sci. and Tech.		
	oriarig, i on or	Tokyo Univ. of Marine Sci. and Tech.		
	Masakazu, Koike	renye china er manne cen ana reem		
	, , , , , ,	Tokyo Univ. of Marine Sci. and Tech.		
	Junichiro, Tahara	•		
		Tokyo Univ. of Marine Sci. and Tech.		
14:30-15:3	30	FrPOS2.26		
UAV Deliv	ery Flight to the Verai	nda Identified Using 2D Codes		
		-		
	Masato, Ishii	Shibaura Inst. of Tech.		
	Satoko, Abiko	Shibaura Inst. of Tech.		
	Takumi, Yoshihara	Shibaura Inst. of Tech.		
	Teppei, Tsujita	Nat. Defense Academy of Japan		
	Daisuke, Sato	Tokyo City Univ.		
14:30-15:3		FrPOS2.27		
A PMP-ba	sed Numerical Solution	on for Mean Field Game Problem		
	Fugue VII	Chiha Univ		
	Fuguo, Xu Tielong, Shen	Chiba Univ. Sophia Univ.		
	Tatsuya, Kuboyama	•		
	Yasuo, Moriyoshi	Chiba Univ.		
14:30-15:3	•	FrPOS2.28		
Approach	ı LQG Social Optimiz	ation: A Reinforcement Learning		
πρρισασίι				
	Zhenhui, Xu	Tokyo Inst. of Tech.		
	Tielong, Shen	Sophia Univ.		
	o.o.i.g, o.i.o.ii	Copina Oniv.		