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FEP-19	Hocheol Shin, Kyung-Min Jeong and Jeongjoo Kwon <a href="#">Development of an Overhead Crane for Remote Handling Tasks at Nuclear Facility</a>	1830
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FEP-21	DongHwan Shin, Youngshik Kim and Jinung An <a href="#">Equation of motion of a wheeled inverted pendulum on an irregular terrain</a>	1839
FEP-22	se-han lee, Soojun Lee and YongKwun Lee <a href="#">Remote robotic systems for nuclear environment application</a>	1843
FEP-23	Kiho Kim <a href="#">Development of a System Integration Method using Robotic Intelligent Components</a>	1847
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FEP-28	Sehchan Oh and Hanmin Lee <a href="#">Camera Lens Radial Distortion Compensation by Illuminating the Epipolar Lines with a Projector</a>	1871

FEP-29	Yeonsoo Kim, Daesik Kim and Sukhan Lee <a href="#">Video Stabilization for Robot Eye Using IMU-Aided Feature Tracker</a>	1875
FEP-30	Yeon Geol Ryu, Hyun Chul Roh and Myung Jin Chung <a href="#">Wide-Angle Laser Structured Light System Calibration with a Planar Object</a>	1879
FEP-31	Daesik Kim, Seongsoo Lee, Hyunwoo Kim and Sukhan Lee <a href="#">Optimal path planning with Holonomic mobile robot using localization vision sensor</a>	1883
FEP-32	DongSeok Lee, KilSoo Lee, HyungGyu Park and ManHyung Lee <a href="#">Design of Cursive Handwriting Characters Using Esthetic Evaluation</a>	1887
FEP-33	Shinya Miyata and Hiroyuki Fujioka <a href="#">Impedance control of robot manipulator using artificial intelligence</a>	1891
FEP-34	Han Me Kim and Kyoung Taik Park <a href="#">Master-slave Teleoperation Control using Time Delay Control</a>	1895
FEP-35	Hae Jin Lim, Jong Kwang Lee, Kiho Kim, Hyo Jik Lee and E-Sok Kang <a href="#">A Hybrid Data Association Approach for Mobile Robot SLAM</a>	1900
FEP-36	Baifan Chen, Zixing Cai and Zhirong Zou <a href="#">ICE Matching, a Novel Approach for Localization Problem</a>	1904
FEP-37	Maziar Ahmad Sherbafi, Sanaz Taleghani, Edriss Esmaeili, Abolfazl Toraghi Haghighat and Omid Aghazadeh <a href="#">The loosely coupled integration system using a Pseudolite Ultrasonic System and a Dead-reckoning for the Autonomous Mobile Robots Localization</a>	1908
FEP-38	Su Yong Kim, Kang Sup Yoon, Dong Hwal Lee and Man Hyung Lee <a href="#">Dynamic Localization based on EKF for Indoor Mobile Robots using Discontinuous Ultrasonic Distance Measurements</a>	1912
FEP-39	Seong Jin Kim and Byung Kook Kim <a href="#">Development of an autonomous outdoor patrol robot in private road environment</a>	1918
FEP-40	Jiyong Jin, Changbae Jung, Donghyeon Kim and Woojin Chung <a href="#">Development of High Precision Linear Transfer Module using Air Floating System for Flat Panel Display</a> MyungJin Chung	1922

## SA01 : Control Systems & Applications

SA01-1	<a href="#">Load Swing Control of an Overhead Crane</a>	1926
SA01-2	Pittaya Pannil, krit Smerpitak, Visitsak La-orlao and Thanit Trisuwannawat <a href="#">Collision avoidance and path following for multi-agent dynamical systems</a>	1930
SA01-3	Ionela Prodan, Sorin Olaru, Cristina Stoica and Silviu-Iulian Niculescu <a href="#">Transverse Vibration Control of Axially Moving Web Systems by Regulation of Axial Tension</a>	1936
SA01-4	Quoc Chi Nguyen, Quang Hieu Ngo and Keum-Shik Hong <a href="#">A New and Effective Controller for Induction Motors applying Direct-Decoupling Methodology based on Exact Linearization Algorithm and Adaptive Backstepping Technology</a>	1941
SA01-5	Anh - Tuan DINH, Phung Quang NGUYEN and Minh Duc LE <a href="#">Active Horizontal Suspension System Using Negative Stiffness Control</a>	1946
SA01-6	Mhia Shahadat, Takeshi Mizuno, Yuji Ishino and Masaya Takasaki <a href="#">Design and Implementation of Sliding Mode-State Feedback Control for Stabilization of Rotary Inverted Pendulum</a> samira mir mazhari anvar, Iraj Hassanzadeh and Ghasem Alizadeh	1952

## SA02 : Communication Systems I

SA02-1	<a href="#">Design of Right Angle Slot Antenna for Dual Band and Dual Polarized with Wireless Network</a> auttapon pomsathit, Chawalit Benjangkaprasert, Noppin Anantrasirichai, Toshio Wakabayashi and paitoon raklua	1958
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SA02-2	<a href="#">Effective of Transmission Power for Wireless Ad-Hoc Networks</a>	1962
	Paitoon Rakluea, auttapon pomsathit, Sirilak Areerachakul and aekkarat Iorpitchian	
SA02-3	<a href="#">Adaptive Space-Time Receiver for Cooperative Relay Networks</a>	1966
	Rachaneegorn Chaisong, Chakree Tekapakvisit and Chawalit Benjangkaprasert	
SA02-4	<a href="#">Adaptive Equalizer for DS-CDMA Multi-User Communication System Based on Adaptive Laguerre Lattice Filter</a>	1970
	Adisaya Charoenphol, Mayuree Lartwatechakul and Chawalit Benjangkaprasert	
SA02-5	<a href="#">Performance Comparison of AODV and OLSR for MANET</a>	1974
	Paitoon Rakluea and Jintana Nakasuwan	
SA02-6	<a href="#">Planar UWB Antenna with Single Band-Notched Characteristic</a>	1978
	Paitoon Rakluea and Jintana Nakasuwan	

### SA03 : Robot Navigation

SA03-1	<a href="#">Robot Formation Control Based on a Multi-potential Approach</a>	1982
	Santiago Cifuentes, Jose M. Giron-Sierra and Juan F. Jimenez	
SA03-2	<a href="#">MCL-based Global Localization of Cleaning Robot Using Fast Rotation-Invariant Corner Matching Method</a>	1988
	Tae-Bum Kwon, Jae-Bok Song and Sung-Chul Kang	
SA03-3	<a href="#">Symmetrical model based SLAM [M-SLAM] for a quick map-search</a>	1993
	Jung-Suk Oh and Kwee-Bo Sim	
SA03-4	<a href="#">Hierarchical Optimal Time Path Planning Method for a Autonomous Mobile</a>	1997
	MinHyeok Kwon, GwiTae Park, ChangHwan Kim, YeonSik Kang and HeonYoung Lim	

### SA04 : Biomechanic Modeling and Simulation

SA04-1	<a href="#">Development of a particle simulator on cancer cell signaling network with PC cluster system</a>	2002
	Makoto Ogawa, Takashi Nakakuki, Chiharu Ishii and Mitsuo Kobayashi	
SA04-2	<a href="#">Frequency Analysis of intracellular signal transduction systems</a>	2006
	Hiroki Ishiyama, Takashi Nakakuki, Chiharu Ishii and Mitsuo Kobayashi	
SA04-3	<a href="#">Development of Model for Estimation of Knee Joint Extension Moment</a>	2010
	Seongnam Kim and Yoonsu Nam	
SA04-4	<a href="#">Biomechanical analysis of dynamic behavior in human postural control</a>	2014
	Youngkyun Shin and Samjin Choi	
SA04-5	<a href="#">A Study on the Bending Mechanism of the Flexible Ureteroscope</a>	2019
	Man Cheong LEI and Ruxu Du	
SA04-6	<a href="#">Control of Lumbar Spine Flexion-Extension Movement By PD Controller And Feedback Linearization Method</a>	2024
	Maryam Abedi, Mohammad Parnianpour and Gholam Reza vosoughi	

### SA05 : Signal Processing IV

SA05-1	<a href="#">Firearm Identification System with Rotation Invariance</a>	2030
	pitak thumwarin, Takenobu Matsuura, Chawarit Prasit and Kittisak Yakoompai	
SA05-2	<a href="#">Improvement of optical flow accuracy using oculomotor system</a>	2036
	Yoshitaka Nishizaka	
SA05-3	<a href="#">Vision Tracking System For Mobile Robots Using Two Kalman Filters and a Slip Detector</a>	2041
	Wonsang Hwang, Jaehong Park, Hyun-il Kwon, Muhammad Latif Anjum, Jong-hyeon Kim, Changhun Lee, Kwang-soo Kim and Dong-il Cho	
SA05-4	<a href="#">Method of measuring the parameter of objct's orientation using optical flow</a>	2047

## SA06 : [OS] 3D Sound Applications in Robot and Virtual Reality

SA06-1	<a href="#">Cleansed PHAT GCC based Sound Source Localization</a>	2051
	Sangmoon Lee, Youngjin Park and Youn-sik Park	
SA06-2	<a href="#">Evaluation of three different standard head-related transfer functions using an elevation discrimination task for virtual sources displayed in the median plane</a>	2055
	Hyun Jo, William Martens and Youngjin Park	
SA06-3	<a href="#">Acoustic focusing headphone based on delay-sum beamforming</a>	2061
	Jeeln Noh, Hyun Jo, Youngjin Park and Youn-sik Park	
SA06-4	<a href="#">Calibration of measured head-related transfer function database</a>	2065
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