

## 이 력 서

### (1) 인적사항

성 명	국 문	최진영 (한문)崔鎭榮	생년월일(성별)	1959.07.16(남)
	영 문	Jin Young Choi	과학기술인번호	10054189
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### (2) 학 력

연 도	학교명	전 공	학 위	지도교수
1975~1978	강릉고등학교	이과	—	—
1978~1982	서울대학교	제어계측공학과	학사	최종호
1982~1984	서울대학교	제어계측공학과	석사	최종호
1989~1993	서울대학교	제어계측공학과	박사	최종호
(최종학위논문명) 함수 근사화를 위한 앞먹임 신경망에 관한 연구 (On the Feedforward Neural Networks for Function Approximations)				

### (3) 수상실적

연 도	내용
2012	최우수논문상(Best Paper Award), 27th International Conference of Image and Vision Computing New Zealand
2013	최우수논문상(Best Paper Award), IEEE Int. workshop on Mobile vision, in conjunction with CVPR 2013
2004	Outstanding Paper Award, Institute of Control, Automation, and Systems Engineering (ICASE)
2005,6,7,8	4년연속 Outstanding Paper Award, Korea Fuzzy Logic and Intelligent System Society (KFIS)
1997	Outstanding Paper Award, IEEE IAS Conference
1997	우수과제상, 한국전력
2003	공로상, 한국전자공학회
2004	IJCAS Scientific Activity Award, International Journal of Control, Automation, and Systems (IJCAS)
2005	Achievement Award, Korea Fuzzy Logic and Intelligent System Society
2007	학술상, 제어자동화시스템 공학회
2007	신양학술상, 서울대학교 공과대학

#### (4) 경 력

연 도	내용
1994 ~ 현재	서울대학교 전기정보공학부 교수
1998 ~ 1999	객원 교수, University of California, Riverside, U.S.A.
1984 ~ 1994	전자통신연구원 연구원/선임연구원
2010 ~ 2012	서울대학교 자동화시스템공동연구소장
2005 ~ 2007	서울대학교 재정위원
2009 ~ 2011	서울대학교 융합기술과학연구원 기금위원
2004 ~ 2005	서울대학교 공과대학 기획실장
2002 ~ 2015	서울대학교 창업네트워크 운영위원
2001 ~ 2002	정보통신부 비전위원회 위원
2008	한국지능시스템학회 부회장
2008	국제자동제어연맹 World Congress 2008 사무총장
2002 ~ 현재	국제자동제어연맹 지능제어분과 기술위원
2002 ~ 2006	제어자동화시스템공학회 이사
2001 ~ 2004	한국뇌학회 이사
2002 ~ 2007	한국전자공학회 이사
2003 ~ 2006	Associate Editor, International Journal of System Science
2003 ~ 2007	Editor, International Journal of Control, Automation, and Systems
2000 ~ 2005	Editor, Institute of Control, Robotics and Systems
2001	Organizing Committee, IEEE International Conference on Robotics and Automation (ICRA)
2004	Organizing Committee, International Conference on Control, Automation, Systems
2001	Program Committee, Congress on Evolutionary Computation (CEC)

#### (5) 연구 분야

- ◆ Deep Learning and Pattern Recognition
- ◆ Computer Vision (Object Detection, Tracking, Recognition, etc.)
- ◆ Visual Surveillance Systems
- ◆ Neuro and Adaptive Control

## (6) 발표 논문 (2006년 이후 국제논문)

2018

<1> Jongwon Choi, Hyung Jin Chang, Tobias Fischer, Sangdoo Yun, Kyuewang Lee, Jiyeoup Jeong, Yiannis Demiris, and Jin Young Choi, "Context-aware Deep Feature Compression for High-speed Visual Tracking", IEEE Computer Vision and Pattern Recognition (CVPR), to be presented, 2018.

2017

<13> Byeon, Moonsub, et al. "Unified Optimization Framework for Localization and Tracking of Multiple Targets with Multiple Cameras." Computer Vision and Image Understanding (2017).

<12> Moonsub Byeon, Sangdoo Yun, Yongmin Ro, Daeung Jo, Kikyung Kim, Jin Young Choi, "Real-time Scheme for 3-Dimensional Localizing and Tracking of People in Multiple Camera Settings", International Conference on Control, Automation and Systems, ICCAS, 2017

<11> KiKyung Kim, Byeongho Heo, Moonsub Byeon and Jin Young Choi, "Deep Learning Architecture for Pedestrian 3-D Localization and Tracking Using Multiple Cameras", 2017 IEEE International Conference on Image Processing (ICIP). [Oral]

<10> Byeongho Heo, Kimin Yun and Jin Young Choi, "Appearance and Motion Based Deep Learning Architecture for Moving Object Detection in Moving Camera", 2017 IEEE International Conference on Image Processing (ICIP). [Oral]

<9> Dae Ung Jo, Jongwon Choi and Jin Young Choi, "Effect of Learning Rate to Generalization Power", 2017 International Symposium on Advanced Intelligent Systems. [pdf]

<8> Tushar Sandhan and Jin Young Choi, "Simultaneous Detection and Removal of High Altitude Clouds from an Image", ICCV 2017

<7> Junho Cho, Sangdoo Yun, Kyoungmu Lee, Jin Young Choi, "PaletteNet: Image Recolorization with Given Color Palette", 2nd NTIRE: New Trends in Image Restoration and Enhancement workshop and challenge on super-resolution in conjunction with CVPR, 2017.

<6> Tushar Sandhan and Jin Young Choi, "Anti-Glare: Tightly Constrained Optimization for Eyeglass Reflection Removal", 2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR) (accepted).

<5> Youngjoon Yoo, Sangdoo Yun, Hyung Jin Chang, Yiannis Demiris, and Jin Young

Choi, "Variational Autoencoded Regression: High Dimensional Regression of Visual Data on Complex Manifold", 2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR) (accepted).

<4> Sangdoo Yun, Jongwon Choi, Youngjoon Yoo, Kimin Yun, and Jin Young Choi, "Action–Decision Networks for Visual Tracking with Deep Reinforcement Learning", 2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR) (Spotlight)

<3> Jongwon Choi, Hyung Jin Chang, Sangdoo Yun, Tobias Fischer, Yiannis Demiris, and Jin Young Choi, "Attentional Correlation Filter Network for Adaptive Visual Tracking", 2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR) (Poster)

<2> Kimin Yun, Jongin Lim, and Jin Young Choi, "Scene Conditional Background Update for Moving Object Detection in a Moving Camera", Pattern Recognition Letters, Vol 88, pp. 57–63, 1 March 2017. [link]

<1> Kimin Yun, Youngjoon Yoo, and Jin Young Choi, "Motion Interaction Field for Detection of Abnormal Interactions", Machine Vision and Applications ,Volume 28, Issue 1, pp 157–171,February 2017. [link]

2016

<10> Kyoungsoon Kim, Helin Lina, Jin Young Choi, Kiyoun Choi, "A design framework for hierarchical ensemble of multiple feature extractors and multiple classifiers", Pattern Recognition, Volume 52, April 2016, Pages 1–16

<9> Haanju Yoo, Kikyung Kim, Moonsub Byeon, Younghun Jeon, Jin Young Choi, "Online Scheme for Multiple Camera Multiple Target Tracking Based on Multiple Hypothesis Tracking," IEEE Transactions on Circuits and Systems for Video Technology, vol. 27, no. 3, pp. 454–469, March 2017. [link]

<8> ByeongJu Lee, and Jin Young Choi, "Occlusion Detection to Prevent False Adaptation in Tracking," IEEE-IEIE International Conference on Consumer Electronics, 2016

<7> Jongwon Choi and Jin Young Choi, "An Integrated Framework for 24–hours Fire Detection", International Workshop on Assistive Computer Vision and Robotics in conjunction with ECCV 2016.

<6> Sangdoo Yun, Kimin Yun, Jongwon Choi, and Jin Young Choi, " Density–Aware Pedestrian Proposal Networks for Robust People Detection in Crowded Scenes", International Workshop on Crowd Understanding in conjunction with ECCV 2016.

<5> Kimin Yun, Jongin Lim, Sangdoo Yun, Soo Wan Kim, and Jin Young Choi, "Attention–Inspired Moving Object Detection in Monocular Dashcam Videos", 23rd International Conference on Pattern Recognition (ICPR), 2016.

<4> YoungJoon Yoo, Kimin Yun, Sangdoo Yun, JongHee Hong, Hawook Jeong and Jin Young Choi, " Visual Path Prediction in Complex Scenes with Crowded Moving Objects", 2016 IEEE Computer Vision and Pattern Recognition (CVPR),(poster)

<3> Jongwon Choi, Hyung Jin Chang, Jiyeoup Jeong, Yiannis Demiris, and Jin Young Choi, "Visual Tracking Using Attention–Modulated Disintegration and Integration", 2016

IEEE Conference on Computer Vision and Pattern Recognition (CVPR)

<2> Hawook Jeong, YoungJoon Yoo, Kwang Moo Yi, Jin Young Choi . "Traffic Pattern Analysis and Anomaly Detection via Probabilistic Inference Model." Theory and Applications of Smart Cameras. Springer Netherlands, 2016. 215–240.

<1> Sangdoo Yun, Hawook Jeong, Soo Wan Kim, and Jin Young Choi, "Voting-based 3D Object Cuboid Detection Robust to Partial Occlusion from RGB-D Images", 2016 IEEE Winter Conference on Applications of Computer Vision (WACV), 2016.

2015

<13> Jiyeoup Jeong, Jongwon Choi and Jin Young Choi, "Scene-invariant Crowd Density Estimation with Aggregated Features", in 16th International Symposium on Advanced Intelligent Systems (ISIS), 2015.

<12> Jongwon Choi and Jin Young Choi, "Example-based Denoising for Detail Texture", International Symposium on Advanced Intelligent Systems [Oral], 2015.

<11> Moonsub Byeon, Songhwai Oh, Kikyung Kim, Haan-Ju Yoo, and Jin Young Choi, "Efficient Spatio-Temporal Data Association Using Multidimensional Assignment in Multi-Camera Multi-Target Tracking," in Proc. of the British Machine Vision Conference (BMVC), 2015.

<10> Younghan Jeon, Tushar Sandhan, Jin Young Choi, "Robust Feature Extraction for Shift and Direction Invariant Action Recognition", Pacific-Rim Conference on Multimedia(PCM), 2015

<9> Tushar Sandhan, Youngjun Yoo, Jin Young Choi, Sun Kim, "Graph pyramids for protein function prediction", International Journal of BMC Medical Genomics, 8(Suppl 2):S12, (SCI, Impact factor 2.87), 2015.

<8> Kimin Yun and Jin Young Choi, "Robust and Fast Moving Object Detection in a Non-Stationary Camera via Foreground Probability based Sampling", IEEE International Conference on Image Processing (ICIP), 2015.

<7> Jongwon Choi and Jin Young Choi, "User Interactive Segmentation with Partially Growing Random Forest", IEEE International Conference on Image Processing (ICIP) [Oral], 2015.

<6> ByeongJu Lee, Jongwon Choi, Kimin Yun, and Jin Young Choi, "Gradient Preserving RGB-to-Gray Conversion using Random Forest", IEEE International Conference on Image Processing (ICIP), 2015.

<5> Jongwon Choi, Jin Young Choi, "Patch-based Fire Detection with Online Outlier Learning", IEEE International Conference on Advanced Video and Signal based Surveillance (AVSS), 2015

<4> ByeongJu Lee, Kimin Yun, Jongwon Choi, Jin Young Choi, "Robust Pan-Tilt-Zoom Tracking via Optimization Combining Motion Features and Appearance Correlations", IEEE International Conference on Advanced Video and Signal based Surveillance (AVSS)[Oral], 2015

<3> Kwang Moo Yi, Hawook Jeong, Soo Wan Kim, Shimin Yin, Songhwai Oh, and Jin

Young Choi, "Tracking of Non-Rigid Objects with Partial Occlusion through Elastic Structure of Local Patches and Hierarchical Diffusion," Image and Vision Computing, 2015. [link]

<2> Kwang Moo Yi, Hawook Jeong, ByeongJu Lee, and Jin Young Choi, "Visual tracking in complex scenes through pixel-wise tri-modeling," Machine Vision and Applications, pages 205–217, Vol.26, 2015

<1> Hawook Jeong, Sangdoo Yun, Kwang Moo Yi, and Jin Young Choi, "Category Attentional Search for Fast Object Detection by Mimicking Human Visual Perception", 2015 IEEE Winter Conference on Applications of Computer Vision (WACV), 2015.

2014

<18> Kimin Yun, Jiyun Kim, Soo Wan Kim, Hawook Jeong, Jin Young Choi, "Learning with Adaptive Rate for Online Detection of Unusual Appearance", in 10th International Symposium on Visual Computing (ISVC'14), 2014. [Oral]

<17> Byeongho Heo, Hawook Jeong, Jiyun Kim, Sang-Il Choi, and Jin Young Choi, "Weighted Pooling Based on Visual Saliency for Image Classification", in 10th International Symposium on Visual Computing (ISVC'14), 2014. [Oral]

<16> Tushar Sandhan and Jin Young Choi, "Frequencygrams and Multi-Feature Joint Sparse Representation for Action and Gesture Recognition", in IEEE Int. Conf. on Image Processing (ICIP), 2014.

<15> Tushar Sandhan, Kimin Yun and Jin Young Choi, "Proximity Clustering for Revealing a Semantically Dominant Class", in 10th International Symposium on Visual Computing (ISVC'14), 2014, [Oral]

<14> Tushar Sandhan, Sukanya Sonowal and Jin Young Choi, "Audio Bank: A High-Level Acoustic Signal Representation for Audio Event Recognition", in IEEE Int. Conf. on control, automation and systems (ICCAS), 2014. [Oral][Student Best Paper Award]

<13> Byeong Ju Lee, Kwang Moo Yi, "Scale Preserving PTZ Tracking with Size Estimation using Tilt Sensory Data", in IEEE Int. Conf. on Advanced Video and Signal-Based Surveillance(AVSS), 2014.

<12> Sangdoo Yun, Kimin Yun, Soo Wan Kim, Youngjoon Yoo, Jiyeoup Jeong, "Visual Surveillance Briefing System: Event-based Video Retrieval and Summarization", IEEE Int. Conf. on Advanced Video and Signal based Surveillance (AVSS), 2014. [Oral]

<11> Tushar Sandhan, Youngjoon Yoo, Hanjoo Yoo, Sangdoo Yun, Moonsub Byeon, "Multi-Task Learning with Over-Sampled Time-Series Representation of a Trajectory for Traffic Motion Pattern Recognition," in IEEE Int. Conf. on Advanced Video and Signal-Based Surveillance (AVSS), 2014. [Oral]

<10> Soo Wan Kim, Moonsub Byeon, Kikyung Kim and Jin Young Choi, "MAP-based Online Data Association for Multiple People Tracking in Crowded Scenes", in International Conference on Pattern Recognition (ICPR), 2014. [Oral]

<9> Tushar Sandhan and Jin Young Choi, "Handling imbalanced datasets by partially

guided hybrid sampling for pattern recognition", in IEEE Int. Conf. on Pattern Recognition (ICPR), 2014.

<8> YoungJoon Yoo, Hawook Jeong, Soo Wan Kim and Jin Young Choi, "Transfer Learning of Motion Patterns in Traffic Scene via Convex Optimization", in IEEE Int. Conf. on Pattern Recognition (ICPR), 2014.

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<6> Kimin Yun, Hawook Jeong, Kwang Moo Yi, Soo Wan Kim, Jin Young Choi, "Motion Interaction Field for Accident Detection in Traffic Surveillance Video", in IEEE Int. Conf. on Pattern Recognition (ICPR), 2014.

<5> Tushar Sandhan, Young Joon Yoo, Jin Young Choi, Sun Kim, "Graph Pyramid Approach for Protein Classification", in 8th IEEE Int. Conf. on Systems Biology and 4th Translational Bioinformatics conference (ISB-TBC), 2014.

<4> Hawook Jeong, Youngjoon Yoo, Kwang Moo Yi, Jin Young Choi, "Two-stage online inference model for traffic pattern analysis and anomaly detection", Machine Vision and Applications, August 2014, Volume 25, Issue 6, pp 1501–1517

<3> Sun Jung Kim, Soo Wan Kim, Tushar Sandhan, Jin Young Choi, "View invariant action recognition using generalized 4D features", Pattern Recognition Letters, pages 40–47, Vol.49, 2014/6

<2> Soo Wan Kim, Shimin Yin, Kimin Yun, Jin Young Choi, "Spatio-temporal weighting in local patches for direct estimation of camera motion in video stabilization", Computer Vision and Image Understanding, Vol.118, pp.71–83 ,Jan 2014

<1> Hong Seok Choi, In Su Kim, Jin Young Choi, "Combining histogram-wise and pixel-wise matchings for kernel tracking through constrained optimization", Computer Vision and Image Understanding, Vol. 118, pp.61–70, Jan 2014

2013

<9> Soo Wan Kim, Kimin Yun, Kwang Moo Yi, Sun Jung Kim and Jin Young Choi, "Detection of moving objects with a moving camera using non-panoramic background model", Machine Vision and Applications, pages 1015–1028, Vol.24, Issue 5, 2013/07.

<8> Young Jun Yoo, Tushar Sandhan, Jin Young Choi, Sun Kim, "Towards simultaneous clustering and motif-modeling for a large number of protein family", IEEE int. conf. on bioinformatics and biomedicine, (BIBM) 2013

<7> Hyung Jin Chang, Jiyeon Kim, Jungchan Cho, Songhwai Oh, Kwang Moo Yi and Jin Young Choi, "Action Chart: A Representation for Efficient Recognition of Complex Activities", in British Machine Vision Conference (BMVC) 2013.

<6> Tushar Sandhan, Tushar Srivastava, Amit Sethi and Jin Young Choi, "Unsupervised learning approach for abnormal event detection in surveillance video by revealing infrequent patterns", in 28th IEEE Int. conf. on Image and Vision

#### Computing New Zealand (IVCNZ) 2013

<5> Minsoo Kim, Sunjung Kim, Jin Young Choi, "Robust and incremental stitching and calibration with known rotation on Pan-Tilt-Zoom camera", in IEEE Int. conf. on image processing (ICIP) 2013.

<4> Tushar Sandhan, Hyung Jin Chang and Jin Young Choi, "Abstracted Radon Profiles for Fingerprint Recognition", in IEEE Int. conf. on image processing (ICIP) 2013.

<3> Kwang Moo Yi, Hawook Jeong, Byeongho Heo, Hyung Jin Chang, Jin Young Choi, "Initialization-Insensitive Visual Tracking Through Voting with Salient Local Features", in IEEE Int conf on computer vision (ICCV) 2013.

<2> Moonsub Byeon, Soo Wan Kim, Haan-Ju Yoo, "Matching Heads of Multiple People in Multiple Camera Networks", IEEE (RO-MAN) 2013

<1> Kwang Moo Yi, Kimin Yun, Soo Wan Kim, Hyung Jin Chang, Hawook Jeong, and Jin Young Choi, "Detection of Moving Objects with Non-Stationary Cameras in 5.8ms: Bringing Motion Detection to your Mobile Device," in IEEE Int. workshop on Mobile vision, in conjunction with CVPR 2013. [Oral] [Best Paper Award]

#### 2012

<6> Kwang Moo Yi, Hawook Jeong, Soo Wan Kim, Jin Young Choi, "Visual Tracking with Dual Modeling", in Proc. 27th International Conference of Image and Vision Computing New Zealand (IVCNZ), 2012 [Oral] [Best Paper Prize]

<5> Sangdoo Yun, Soo Wan Kim, Kwang Moo Yi, Haan-ju Yoo, Jin Young Choi, "Multiple ground plane estimation for 3D scene understanding using a monocular camera"; in Proc. 27th International Conference of Image and Vision

<4> Moonsub Byeon, Hyung Jin Chang, and Jin Young Choi, "Hierarchical Feature Grouping for Multiple Object Segmentation and Tracking", 27th Image and Vision Computing New Zealand (IVCNZ) 2012, Dunedin, New Zealand, Nov. 26-28, 2012.

<3> Hyung Jin Chang, Hawook Jeong, and Jin Young Choi, "Active Attentional Sampling for Speed-up of Background Subtraction" IEEE Proc. Computer Vision and Pattern Recognition (CVPR), 2012.

<2> JinMin Choi, Hyung Jin Chang, Yung Jun Yoo, Jin Young Choi, "Robust Moving Object Detection against Fast Illumination Change," Computer Vision and Image Understanding (CVIU), pages 179-193, Vol.116, Issue 2, February 2012.

<1> Hyung Jin Chang, Dong Sung Song, Pyo Jae Kim, and Jin Young Choi, "Spatio-temporal Pattern Modeling for Fault Detection and Classification in Semiconductor Manufacturing," IEEE Transactions on Semiconductor Manufacturing, Vol. 25, No. 1, Feb 2012.

#### 2011



<5> Hyung Jin Chang, Kwang Moo Yi, Shimin Yin, Soo Wan Kim, Young Min Baek, Ho Seok Ahn, and Jin Young Choi, "PIL-EYE: Integrated System for Sustainable Development of Intelligent Visual Surveillance Algorithms," IEEE Digital Image Computing: Techniques and Applications (DICTA) 2011, December 6–8, 2011. [Oral]

<4> Hyung Jin Chang, Myoung Soo Park, Hawook Jeong, and Jin Young Choi, "Tracking Failure Detection by Imitating Human Visual Perception," IEEE International Conference on Image Processing (ICIP) 2011, September, 2011.

<3> Hawook Jeong, Hyung Jin Chang, and Jin Young Choi, "Modeling of Moving Object Trajectory by Spatio-temporal Learning for Abnormal Behavior Detection," 2011 IEEE International Conference on Advanced Video and Signal based Surveillance (AVSS), August, 2011.

<2> Kimin Yun, Soo Wan Kim, Jin Young Choi, "Probabilistic Approach with Three Hierarchies of Motion Estimation for Video Stabilization," IEEE Digital Image Computing: Techniques and Applications 2011, December, 2011. [Oral]

<1> Shimin Yin, Jin Hee Na, Jin Young Choi, Songhwai Oh, "Hierarchical Kalman-Particle Filter with Adaptation to Motion Changes for Object Tracking" Computer Vision and Image Understanding (CVIU), Vol. 115, No. 5, pp. 885–900, June 2011.

2010

<7> Kwang Moo Yi, Soo Wan Kim, Hawook Jeong, Songhwai Oh and Jin Young Choi, "Non-Rigid Object Tracking with Elastic Structure of Local Patches and Hierarchical Sampling", 25th International Conference of Image and Vision Computing New Zealand (IVCNZ), November 2010.

<6> Soo Wan Kim, Kwang Moo Yi, Songhwai Oh and Jin Young Choi, "Recovery Video Stabilization Using MRF-MAP Optimization", 20th International Conference on Pattern Recognition (ICPR), 2010.

<5> 윤석민, 유한주, 최진영, "Enhanced Measurement Model for Subspace-based Tracking", 20th International Conference on Pattern Recognition (ICPR), August 2010.

<4> 솔타니, 최진영, "Abnormal Traffic Detection using Intelligent Driver Model" 20th International Conference on Pattern Recognition (ICPR), August 2010.

<3> In Su Kim, Hong Seok Choi, Kwang Moo Yi, Jin Young Choi, and Seong G. Kong, "Intelligent Visual Surveillance – A Survey", International Journal of Control, Automation, and Systems Vol. 8, No. 5, 926–939, October 2010.

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<1> 나진희, 박명수, 최진영, "Linear boundary discriminant analysis" Pattern Recognition, Vol. 43, No. 3, pp. 929–936, March 2010.

2009

<9> D. Pokrajac, N. Reljinb, N. Pejicic, T. Vanced, S. McDaniele, A. Lazarevicf, 장형진, 최진영, R. Mieziakoi, "Detection of Suspicious Activity Using Incremental Outlier Detection Algorithms", SPIE Signal and Data Processing on Small Targets 2009 conference, August 2009

<8> 이득희, 안호석, 최진영, "A General Behavior Generation Module for Emotional Robots Using Unit Behavior Combination Method", The 18th IEEE International Symposium on Robot and Human Interactive Communication, September 2009

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<6> 나진희, 박명수, 최진영, "A new Discriminant Analysis based on Boundary/Non-Boundary Pattern Separation,"International Joint Conference on Neural Networks(IJCNN), 2009. 6

<5> 박명수, 최진영, "Evolving Logic Networks With Real-Valued Inputs for Fast Incremental Learning" IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS PART B-CYBERNETICS, Vol. 39, No. 1, pp. 254, February 2009.

<4> 장형진, 김표재, 송동성, 최진영, "Optical Image Stabilizing System using Multirate Fuzzy PID Controller for Mobile Device Camera" IEEE Transactions on Consumer Electronics, Vol. 55, No. 2, pp. 303-311, May 2009.

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<2> 안호석, 사인규, 최진영, "PDA-Based Mobile Robot System with Remote Monitoring for Home Environment" IEEE Transactions on Consumer Electronics Vol. 55, No. 3, pp. 1487-1495, August 2009.

<1> 사인규, 안호석, 이광무, 최진영 "Implementation of home automation system using a PDA based mobile robot", ISIE '09, July 2009

2008

<15> 강우성, 최진영, "Domain density description for multiclass pattern classification with reduced computational load," Pattern Recognition, 2008.6

<14> 안호석, 사인규, 백영민, 최진영, "Intelligent Unmanned Store Service Robot PartTimer", Service Robotics (i-Tech Book), 2008.7

<13> 박명수, 최진영, "Novel Incremental Principal Component Analysis with Improved Performance", S+SSPR(International Workshops on Structural and Syntactic Pattern Recognition (SSPR 2008)and Statistical Techniques in Pattern Recognition (SPR 2008)), 2008.12

<12> 나진희, 윤석민, 김민수, 최진영, "Relevant Pattern Selection for Subspace Learning", ICPR(International Conference of Pattern Recognition), 2008.12

<11> 이광무, 안호석, 최진영, "Orientation and Scale Invariant Mean Shift Using Object Mask-Based Kernel", ICPR(International Conference of Pattern Recognition), 2008. 12

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<8> 안호석, 최진영 "Multi Purpose Modular Home Service Robot System Using Reconfigurable Heterogeneous Modular Architecture", ISR(International Symposium on Robotics), 2008.10

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