

JOURNAL PAPERS

<p>Effect of Various Interferences in Spread Spectrum Communication System</p>	<p>Akihiko SUGIURA ,& Minoru INATSU</p>	<p>October 1993</p>	<p>The Journal of the Institute of Image Information and Television Engineers Vol.47,No.10, pp.1383-1390</p>
<p>A Study on PCM Transmission by Spread Spectrum Communication System</p>	<p>Akihiko SUGIURA,& Minoru INATSU</p>	<p>June 1994</p>	<p>IEICE Transaction on Fundamentals Vol.J77-A,No.6, pp.940-941</p>
<p>Three-Dimensional Motion Compensation of a Cube</p>	<p>Akihiko SUGIURA, Yoshinori SUYAMA ,& Minoru INATSU</p>	<p>January 1995</p>	<p>The Institute of Systems, Control and Information Engineers Vol.8,No.1, pp.25-33</p>
<p>An Experimental System to Detect Focal Length by Using Haar Wavelet Transform</p>	<p>Akihiko SUGIURA ,& Minoru INATSU</p>	<p>February 1995</p>	<p>IEICE Transaction on Information and Systems Vol.J78-D- ,No.2, pp.213-220</p>
<p>A Video Coding by Using Variable 1-Dimensional Block Adapting to Edge-Line</p>	<p>Taisuke KIMURA, Akihiko SUGIURA ,& Minoru INATSU</p>	<p>March 1995</p>	<p>The Journal of the Institute of Image Information and Television Engineers Vol.49,No.3, pp.390-393</p>
<p>A Study of DCT Image Coding Using Adaptive Three Dimensional Scanning</p>	<p>Akihiko SUGIURA ,& Minoru INATSU</p>	<p>July 1995</p>	<p>IEICE Transaction on Fundamentals vol.J78-A,No.7, pp.839-847</p>

Development of Frequency Resources by using Bandwidth Limiting Spread Spectrum Communication Systems	Akihiko SUGIURA ,& Minoru INATSU	January 1996	The Journal of the Institute of Image Information and Television Engineers Vol.50,No.1, pp.111-117
A Study of Image Coding Using Edge Adaptive One-Dimensional Block	Akihiko SUGIURA ,& Minoru INATSU	March 1996	IEE Transaction on Electronics, Information and Systems Vol.116-C,No.3, pp.325-330
The Ranging Method to Detect Focal Length by Using Partial Auto-correlation	Akihiko SUGIURA ,& Minoru INATSU	June 1996	The Journal of the Institute of Image Information and Television Engineers Vol.50,No.6, pp.775-782
Vacant TV channel Reuse by Extremely Low Power SS System using Transmitted Reference Synch	Akihiko SUGIURA, Makoto YAMASITA ,& Minoru INATSU	August 1996	The Journal of the Institute of Image Information and Television Engineers Vol.50,No.8, pp.1156-1161
A Study of DCT Image Coding Using Adaptive Three Dimensional Scanning	Akihiko SUGIURA ,& Minoru INATSU	October 1996	Electronics and Communication in Japan Part ,Vol.79,No.10, pp.103-112
An Assessment of Prosopagnosia by Using Face Image Synthesis	Akihiko SUGIURA ,& Masako UEDA	January 1997	IEICE Transaction on Fundamentals Vol.J80-A,No.1, pp.294-297

An amplitude limiting CDM by using majority logic	Akihiko SUGIURA ,& Minoru INATSU	February 1997	IEICE Transaction on Fundamentals Vol.E80-A,No.2, pp.346-348
A Study of Communication Breaking Space Using Code Division Multiple Access	Hirohichi INAYOSHI,& Akihiko SUGIURA	May 1997	IEE Transaction on Electronics, Information and Systems Vol.117-C,No.5, pp.660-661
Evaluation of Interference to Electronic Equipment Using Each of Multiple Access	Hideaki TANAKA, & Akihiko SUGIURA	March 1998	IEICE Transaction on Electronics Vol.J81-C- ,No.3, pp.366-372
An Improvement of Motion Compensation by Using Camera Position Information	Takeshi SATO ,& Akihiko SUGIURA	April 1998	IEE Transaction on Electronics, Information and Systems Vol.118-C,No.4, pp.476-482
The Ranging Method of a Blooming Picture by Using Partial Auto-Correlation	Akihiko SUGIURA, Kiyoharu AIZAWA,& Hiroshi HARASHIMA	April 1998	IEICE Transaction on Fundamentals Vol.J81-A,No.4, pp.518-526
Vacant TV Channel Reuse by Extremely Low Power Bidirectional SS by using Universal Timing Synchronization	Masaki MISHINA, Akihiko SUGIURA ,& Makoto YAMASHITA	May 1998	IEICE Transaction on Communications Vol.J81-B- ,No.5, pp.508-514
An Improvement of Motion Compensation by Using Camera Position Information	Akihiko SUGIURA, & Taisuke KIMURA	July 1998	The Institute of Systems, Control and Information Engineers Vol.11,No.7, pp.357-363

<p>The ranging method of a blooming picture by using partial auto-correlation</p>	<p>Akihiko SUGIURA, Kiyoharu AIZAWA, & Hiroshi HARASHIMA</p>	<p>January 1999</p>	<p>Electronics and Communication in Japan Part ,Vol.82,No.1, pp.23-33</p>
<p>Communication Breaking Space for CDMA Portable Radio Terephone</p>	<p>Akihiko SUGIURA, Minoru TAKAKURA, & Hiromichi INAYOSHI</p>	<p>March 1999</p>	<p>IEICE Transaction on Communications Vol.J82-B- ,No.3, pp.379-385</p>
<p>The Function of Mental Rotation on the Change of the Composite</p>	<p>Mitsunobu KAMATA ,& Akihiko SUGIURA</p>	<p>September 1999</p>	<p>The Journal of The Institute of Image Information and Television Engineers Vol.53,No.9, pp.1325-1327</p>
<p>Recognition of Lung Nodules from X-ray CT Images Considering 3-D Structure of Objects and Uncertainty of Recognition</p>	<p>Hotaka TAKIZAWA, Sinji YAMAMOTO, Gentarou FUKANO,& Akihiko SUGIURA</p>	<p>January 2000</p>	<p>IEICE Transaction on Electronics Vol.J83-D- ,No,1, pp.199-208</p>
<p>Assessment of Cerebral Disease by Using Face-Image Synthesis</p>	<p>Keiichi YONEMURA, Akihiko SUGIURA, Hotaka TAKIZAWA, Singi YAMAMOTO,& Hiroshi HARASHIMA</p>	<p>June 2000</p>	<p>The Journal of The Institute of Image Information and Television Engineers Vol.54,No.6, pp.865-870</p>
<p>A Classification of Cerebral Disease by using Face Image Synthesis</p>	<p>Akihiko SUGIURA, Keiichi YONEMURA,& Hiroshi HARASHIMA</p>	<p>September 2000</p>	<p>IEICE Transaction on Fundamentals Vol.E83-A,No.9, pp.1853-1859</p>
<p>Communication breaking space for CDMA</p>	<p>Akihiko SUGIURA, Minoru TAKAKURA,&</p>	<p>October 2000</p>	<p>Electronics and Communication in Japan</p>

portable radio telephone	Hiromiti INAYOSHI		part ,vol.83,No.10, pp.48-55
Direction Detector System of an Urgent Vehicle for ITS by Using Code Division Multiple Access	Akihiko SUGIURA, & Tsuyoshi KANAZAWA	November 2000	Information Processing Society of Japan Vol.41,No.11, pp.3173-3179
A method to divide targets into the stratified depth from a single image	Mitsunobu KAMATA, & Akihiko SUGIURA	August 2001	IEICE Transaction on Fundamentals Vol.J84-A,No.8 pp.1892-1899
The Extracting Method from a Single Picture at 3-D Space by Using Defocusing Estimation	Akihiko SUGIURA, & Mitsunobu KAMATA	September 2001	IEE Transaction on Electronics, Information and Systems Vol.121-C,No.9, pp.1439-1447
Investigation of Calculation/Distance Measurement Method Using Spread Spectrum Communications System	Akihiko SUGIURA, & Yasumune YUKIZAKI	June 2002	IEEE Transaction on ITS vol.3,No.2,JUNE pp.130-135
Decrease of cognitive function and Change of facial expression control ability in drinking	Keiichi YONEMURA, & Akihiko SUGIURA	August 2002	IEE Transaction on Electronics, Information and Systems Vol.122-C,No.8, pp.1272-1278
Simulation of Bluetooth wireless Communication for ITS	Candra DERMAWAN, & Akihiko SUGIURA	January 2003	IEICE Transaction on Communications Vol.J86-B,No.1, pp.60-67

Composition and Making of Lower Extremity Movement by Using Action Unit	Satoshi NISHIDA, Mitsunobu KAMATA, & Akihiko SUGIURA	February 2003	IEE Transaction on Electronics, Information and Systems Vol.123-C,No.2, pp.309-316
Examination of Consumption of Processing Performance in Face Recognition on Working Memory	Keiichi YONEMURA, & Akihiko SUGIURA	May 2003	IEE Transaction on Electronics, Information and Systems Vol.123,No.5, pp.892-899
Assessment of Drinking Condition as Preliminary Stage for Rank Evaluation of Cerebral Disease	Akihiko SUGIURA, & Keiichi YONEMURA	November2003	IEICE Transaction on Fundamentals Vol.E86-A,No.11, pp.2860-2867
Affect of Channel Interference Reduction in the Various Short Distance Wireless Communication by Using frequency Hopping	Takeshi NAKAYA, & Akihiko SUGIURA	December2003	Information Processing Society of Japan Vol.44 No.12 pp.2912-2924
In Traffic Jam ITS using Bluetooth,	Candra Dermawan, & Akihiko SUGIURA	January 2004	IEEEJ Transaction on Electronics, Information and Systems Vol.124-C,No.1, pp.49-55
The Frequency Revision Displaying Method Considered Visual Characteristic	Atsushi KURAMOCHI, & Keiichi YONEMURA, & Akihiko SUGIURA	February2004	IEE Transaction on Electronics, Information and Systems Vol.124-C,No.2, pp.467-472

Mentally Retarded Children Detection at an Early Ages using Sociality Reaction Test	Akihiko SUGIURA, & Rini Pura Kirana	July2004	IEEJ Transaction on EIS Vol.124-C,No.7, pp.1428-1436
Composition of Human Body Movement by Using Action Unit Based on a Muscular Model	Yasuhiro SUDA, & Mitsunobu KAMATA, & Akihiko SUGIURA	September 2004	IEEJ Transaction on EIS Vol.124-C,No.9, pp.1805-1811
Simple Diagnosis of Depressed States Using Facial Expression Cognition	Rini Pura Kirana, & Takashi KAWAMATA, & Akihiko SUGIURA	November 2004	The Journal of The Institute of Image Information and Television Engineers Vol.58,No.11, pp.1649-1655
Parallel transmission method for the wireless LAN by Using synchronous Transmission of channels	Takeshi NAKAYA, & Yosisato OOKUBO, & Akihiko SUGIURA	May2005	IEEJ Transaction on EIS Vol.125-C,No.5, pp.749-755
In Traffic Jam IVC-RVC System for ITS using Bluetooth	Akihiko SUGIURA, & Candra Dermawan	September 2005	IEEE Transaction on ITS Vol.6,No.3, pp.302-313
Mesurement of Recognizing Time of Facial Expressions by Visual Line Scanning Control and Examination of Recognzing Facial Expressions Model	Shinichi ONIMARU, & Keiichi YONEMUEA, & Akihiko SUGIURA	April2006	IEICE Transaction of Fundamentals Vol.J88-A,No.4, pp.308-311
Automation Analysis System of Child's Development Test and Multi Viewpoints Input Method	Akihiko SUGIURA, & Rini Pura Kirana	April2006	IEEJ Transaction on EIS Vol.126-C,No.4 pp.424-434
Suggestion of dependency diagnosis support system focused on the expression change	Satoshi TAKASU, & Akihiko SUGIURA, & Keiichi YONEMURA	September 2006	JOURNAL of Japanese Academy of Facial Sutudies Vol.6,No.1, pp.53-60

The Evaluation of the Validity of RFID Multi-Access by using DS-UWB	Daisuke ISODA, & Hideyuki KOBAYASHI, & Akihiko SUGIURA	March2007	IEE Transaction on Electronics, Information and systems Vol.127-C, No.3, pp.454-455
Image Quality Degradation Reduction Method for Wireless Transmission of Compressed Moving Picture Using Weighted CDMA Channel	Takeshi NAKAYA, & Masato DATE, & Rui TEZUKA, & Akihiko SUGIURA	May2007	IEEJ Transaction on SM Vol.127, No.5, pp.272-283

INTERNATIONAL CONFERENCES			
Noise Reduction of Speech by Neural Networks and Vector Quantization	Kazuo NAKATA, & Akihiko SUGIURA	September 1989	European Conference on Speech Communication and Technology Vol.1, pp.633-636(Paris)
Noise Elimination of Speech by Vector Quantization and Neural Networks	Kazuo NAKATA, & Akihiko SUGIURA	December 1989	The Third Symposium on Advanced Man-Machine Interface Through Spoken Language. Vol.7, No1, pp.1-7
An amplitude limiting Type CDM system for extremely low power transmitters	Akihiko SUGIURA	September 1997	First International Conference on Inf., Commum. & Signal Process. Vol.1, pp.132-135(Singapore)
Direction detector system of an urgent vehicle for ITS by using code division multiple access	Akihiko SUGIURA, & Tuyoshi KANAZAWA	October 1999	IEEE Workshop on SiGNAL PROCEZZING SYSTEMS (SiPS) 99 TH8461, pp.532-539(Taipei)
An Assessment of Cerebral	Keiichi YONEMURA, &	July 2000	Chicago 2000 World

Disease by Using Face Image Synthesis	Akihiko SUGIURA		Congress on Medical Physics and Biomedical MO-E324-04 pp.11-20 (Chicago)
Investigation about calculation/ranging method system by using SS communications	Yasumune YUKIZAKI,& Akihiko SUGIURA	November 2000	The 6th Asia Pacific Conference on Communications SW03-2 pp.308-312(Seoul)
The Extracting Method from a Single Picture at 3-D Space by Using Defocusing Estimation	Mitsunobu KAMATA,& Akihiko SUGIURA	November 2000	The 6th Asia Pacific Conference on Communications SW13-2 pp.561-565(Seoul)
Investigation about calculation/ranging system by using SS communications	Akihiko SUGIURA,& Yasumune YUKIZAKI	December 2000	2000 Asia-Pacific Symposium on Broadcasting and Communications GLE-01 pp.169-174(Bangkok)
Transmission added adaptive value of compressed image information for MPEG	Masato DATE,& Akihiko SUGIURA	December 2000	2000 Asia-Pacific Symposium on Broadcasting and Communications GLB-04 pp.119-124(Bangkok)
The Extracting Method from a Single Picture by Using The PARCOR Analysis	Akihiko SUGIURA,& Mitsunobu KAMATA	December 2000	2000 Asia-Pacific Symposium on Broadcasting and Communications GLD-07 pp.377-382(Bangkok)
An early stage detection of mentally retarded children by analyzing facial expressions	Rini Pura Kirana,& Akihiko SUGIURA	December 2000	2000 Asia-Pacific Symposium on Broadcasting and Communications GLI-01 pp.398-401(Bangkok)

Measurement of the distance between recognition categories by interference experiment	Akihiko SUGIURA, & Keiichi YONEMURA	October 2001	The 2001 IEEE International Conference on Systems, Man, and Cybernetics TA13-4 pp.418-422 (Tucson)
Examination of relations between dysfunction by drinking and cerebral disease	Keiichi YONEMURA, & Akihiko SUGIURA	October 2001	The 2001 IEEE International Conference on Systems, Man, and Cybernetics WQ7-1 pp.777-782 (Tucson)
A comparison of the Intelligence Between Normal and Mentally Retarded Children Using Feedback Image Analysis	Rini Pura Kirana, & Akihiko SUGIURA	October 2001	The 2001 IEEE International Conference on Systems, Man, and Cybernetics WP07-4 pp.1194-1198 (Tucson)
MPEG Video Encoding Using Depth From Focus	Mitsunobu KAMATA, Tathurou HAYASHI, & Akihiko SUGIURA	August 2002	Sixth International Conference on Signal Processing(ICSP ' 02) 32J5-07 pp.825-828 (Beijing)
Examination of Consumption of Processing Performance in Face Recognition on Working Memory	Keiichi YONEMURA, & Akihiko SUGIURA	August 2002	Sixth International Conference on Signal Processing(ICSP ' 02) 28S4-10 pp.1799-1802 (Beijing)
Consumption of Processing Performance in Face Recognition on Working Memory	Akihiko SUGIURA, & Keiichi YONEMURA	October 2002	2002 IEEE Asia Pacific Conference on Circuits and Systems (APCCAS' 2002) (Bali)

MPEG Video Encoding that Assigns a High Information Priority to the Focused Region	Akihiko SUGIURA, Mitsunobu KAMATA, & Tatsuro HAYASHI	October 2002	2002 IEEE Asia Pacific Conference on Circuits and Systems (APCCAS' 2002) (Bali)
Simulation of Bluetooth Application for IVC-RVC System	Candra DERMAWAN, & Akihiko SUGIURA	November 2002	The 3rd International Workshop on ITS Telecommunications (Seoul)
Affect of gap with a packet transmission and receive timing in Bluetooth	Takeshi NAKAYA, & Akihiko SUGIURA	November 2002	The 3rd International Workshop on ITS Telecommunications (Seoul)
Detection of Mentally Retarded Children by Displaying Feedback Image	Rini Pura Kirana, & Akihiko SUGIURA	December 2002	International Congress on Biological and Medical Engineering (Singapore)
MPEG Video Encoding that Assigns a High Information Priority to the Focused Region	Mithunobu KAMATA, & Akihiko SUGIURA	October 2003	2003 Topical Conference on Wireless Communication Technology S08p04 pp.111-112 (Honolulu)
Measurement of Interference Reduction Applied To Bluetooth Networks by using Semi-synchronous	Takeshi NAKAYA, & Akihiko SUGIURA	October 2003	2003 Topical Conference on Wireless Communication Technology S08p08 pp.123-124 (Honolulu)
Wireless IP Phone using Bluetooth for ITS Application	Candra DERMAWAN, & Akihiko SUGIURA	October 2003	2003 Topical Conference on Wireless Communication Technology S15p01

<p>Early Detection of Mentally Retarded Children by Displaying Face Images using Bluetooth Wireless Technology</p>	<p>Rini Pura Kirana, & Akihiko SUGIURA</p>	<p>October 2003</p>	<p>pp.209-210 (Honolulu) 2003 Topical Conference on Wireless Communication Technology S15p03 pp.213-214 (Honolulu)</p>
<p>Wireless IP Phone System by Bluetooth Technology</p>	<p>Candra DERMAWAN, & Akihiko SUGIURA</p>	<p>July2004</p>	<p>The International Conference on Wireless Networks pp.318-324 (Las Vegas)</p>
<p>Recognition of Child's Expressions and Reactions Using Multimedia Communication Network For Eximining Child's Development</p>	<p>Rini Pura Kirana, & Akihiko SUGIURA</p>	<p>July2004</p>	<p>The International Conference on Mathematics and Engineering Techniques In Medicine and Biological Sciences pp.416-421 (Las Vegas)</p>
<p>Affect of Adjacent Channe 1 Interference in the Parallel Transmission for the Wireless LAN</p>	<p>Takeshi NAKAYA, & Yoshisato OOKUBO, & Akihiko SUGIURA</p>	<p>July2004</p>	<p>The International Conference on Wireless Networks pp.423-429 (Las Vegas)</p>
<p>Suggestion of the dependency diagnosis support system focused on the expression change</p>	<p>Satoshi TAKASU, & Akihiko SUGIURA, & Keiichi YONEMURA</p>	<p>August 2006</p>	<p>World Congress on Medical Physics and Biomedical Engineering T5S7 pp.392-395 (Seoul)</p>
<p>Relation between influence of smile on brain and stroop effect</p>	<p>Dai SATOU, & Akihiko SUGIURA, & Keiichi YONEMURA</p>	<p>August 2006</p>	<p>World Congress on Medical Physics and Biomedical Engineering T16S5</p>

<p>Basic consideration of estimated congestion destance systemu using ZigBee</p>	<p>Satoshi KOBAYASHI,& Akihiko SUGIURA</p>	<p>February2007</p>	<p>pp.2746-2749 (Seoul) The 9th International Conference on Advanced Communication pp.1469-1473 (Seoul)</p>
<p>Evaluation of the voice data Streming system by Ad-hoc Network using Bluetooth</p>	<p>Youichi OOHIRA,& Akihiko SUGIURA</p>	<p>February2007</p>	<p>The 9th International Conference on Advanced Communication Pp1313-1317 (Seoul)</p>