

## List of Published Presentation Papers (Mar.2005—Aug.2005)

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Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2005/03/01	Delay-Insensitive Computation in Asynchronous Cellular Automata	JOURNAL OF COMPUTER AND SYSTEM SCIENCES	Vol.70 Issue 2 pp.201-220	Lee Jia ADACHI Susumu Peper Ferdinand MASHIKO Shinro
2005/03/01	Low noise photonic millimeter-wave generation using an integrated reciprocating optical modulator	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.17 No.3 pp.669-671	KAWANISHI Tetsuya OIKAWA Satoshi* YOSHIARA Kiichi* SAKAMOTO Takahide SHINADA Satoshi IZUTSU Masayuki
2005/03/01	Cat-CVD SiN-passivated AlGaIn-GaN HFETs with thin and high Al composition barrier layers	IEEE ELECTRON DEVICE LETTERS	Vol.26 pp.139-141	HIGASHIWAKI Masataka HIROSE Nobumitsu MATSUI Toshiaki
2005/03/01	Polarimetric SAR image analysis using model fit for urban structures	IEICE TRANSACTIONS ON COMMUNICATIONS	R88-B No.3 pp.1234-1243	MORIYAMA Toshifumi URATSUKA Seiho UMEHARA Toshihiko MAENO Hideo SATAKE Makoto NADAI Akitsugu NAKAMURA Kazuki
2005/03/01	Ultra-wide-band radio signal generation using optical frequency-shift-keying technique	IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS	Vol.15 No.3 pp.153-155	KAWANISHI Tetsuya SAKAMOTO Takahide IZUTSU Masayuki
2005/03/01	Energy Consumption Measurement of Wireless Interfaces in Multi-service User Terminals for Heterogeneous Wireless Networks	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.3 pp.1097-1110	Khaled Mahmud INOUE Masugi MURAKAMI Homare HASEGAWA Mikio MORIKAWA Hiroyuki
2005/03/01	Amplified spontaneous emission and laser emission from a high optical gain medium of dye doped dendrimer	JOURNAL OF LUMINESCENCE	Vol.111 No.4 pp.285-290	YOKOYAMA Shiyoshi NAKAHAMA Tatsuo MASHIKO Shinro
2005/03/01	Evaluation of Public Opinion Channel at Children's Camp	International Journal of Learning	Vol.10 pp.2737-2748	YAMASHITA Koji Tomohiro Fukuhara* Toyoaki Nishida*
2005/03/01	Band-limitation effects on microwave oven noise in the 2.4 GHz band	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-E No.3 pp.1307-1312	MATSUMOTO Yasushi MURAKAMI Takahide* FUJII Katsumi* SUGIURA Akira*
2005/03/01	Construction of a Japanese-Chinese Bilingual Dictionary Using English as an Intermediary	International Journal of Computer Processing of Oriental Language	Vol.18 No.1 pp.23-39	Yujie Zhang Ma Qing ISAHARA Hitoshi
2005/03/01	Correction of errors in a verb modality corpus used for machinetranslation with a machine-learning method	ACM Transactions on Asian Language Information Processing	Vol.4 No.1 pp.18-37	MURATA Masak UCHIYAMA Masao UCHIMOTO Kiyotaka ISAHARA Hitoshi Ma Qing
2005/03/03	Broadband THz wave detection beyond 80THz with photo conductive antenna	The Institute of Electronics, Information and Communication Engineers	ED2004 No.242 pp.9-12	SAITOH Shingo DOI Atsushi* SHIMOSATO Hiroshi* ASHIDA Masaaki* ITOH Tadashi* SAKAI Kiyomi
2005/03/03	Reciprocating optical modulator with a resonant modulating electrode	ELECTRONICS LETTERS	Vol.41 No.5 pp.69-70	KAWANISHI Tetsuya SHINADA Satoshi* SAKAMOTO Takahide* OIKAWA Satoshi* YOSHIARA Kiichi* IZUTSU Masayuki
2005/03/08	Vertical Characteristics of Rainfall Using C-band Multi Parameter Doppler Radar(COBRA)	Japan Society of Civil Engineers	Vol.49 pp.277-282	NAKAGAWA Katsuhiko KITAMURA Yasushi HANADO Hiroshi TAKAHASHI Nobuhiro IGUCHI Toshio
2005/03/24	Automatic construction of Japanese-Chinese translation dictionary using English as intermediary	Journal of Natural Language Processing	Vol.12 No.2 pp.63-85	Yujie Zhang Ma Qing ISAHARA Hitoshi
2005/03/25	Improving the analysis precision of satellite laser ranging data from centimeter to millimeter range	The Geodetic Society of Japan	Vol.51 No.1 pp.1-16	OHTSUBO Toshimichi
2005/03/31	Use of Multiple Documents as Evidence with Decreased Adding in a Japanese Question-answering System	Journal of Natural Language Processing	Vol.12 No.2 pp.209-247	MURATA Masaki UCHIYAMA Masao ISAHARA Hitoshi
2005/04/01	AlGaIn/GaN heterostructure field-effect transistors with current gain cut-off frequency of 152 GHz on sapphire substrates	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.44 No.16 L475-L478	HIGASHIWAKI Masataka MATSUI Toshiaki

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2005/04/01	Development of an estimation system for the relative dielectric constant of liquid materials	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.4 pp.1746-1747	TOHSAKA Toshihide NAGANO Isamu* YAGITANI Satoshi*
2005/04/01	Contribution of the Metal/SiO <sub>2</sub> Interface Potential to Photoinduced Switching in Molecular Single-Electron Tunneling Junctions	JOURNAL OF APPLIED PHYSICS	Vol.97 7-073513 pp.1-5	NOGUCHI Yutaka KUBOTA Toru MASHIKO Shinro WAKAYAMA Yutaka*
2005/04/01	Dark resonance of Cs atoms velocity-selected in a thin cell	APPLIED PHYSICS B-LASERS AND OPTICS	Vol.80 No.38447 pp.503-509	FUKUDA Kyoya TORIYAMA Akihiro A. Ch. Izmailov* TACHIKAWA Maki*
2005/04/01	A simulation study of effects of GRACE orbit decay on the gravity field recovery	EARTH PLANETS AND SPACE	Vol.57 No.4 pp.291-295	YAMAMOTO Keiko OHTSUBO Toshimichi KUBOTA Toshihiro FUKUDA Yoichi*
2005/04/01	Storm-time convection electric field in the near-Earth plasma sheet	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.110 A04213 pp.1-13	HORI Tomoaki A. T. Y. Lui* S. Ohtani* P. C:son Brandt* B. H. Mauk* R. W. McEntire* K. Maezawa* T. Mukai* Y. Kasaba* H. Hayakawa*
2005/04/01	THE L5 MISSION FOR L5 SPACE WEATHER FORECASTING	ADVANCES IN SPACE RESEARCH	Vol.35 No.1 pp.65-69	AKIOKA Maki NAGATSUMA Tsutomu MIYAKE Wataru OHTAKA Kazuhiro MARUHASHI Katsuhide*
2005/04/01	Universal Delay-Insensitive Systems with Buffering Lines	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-FUNDAMENTAL THEORY AND APPLICAT	Vol.52 No.4 pp.742-754	Lee Jia Peper Ferdinand ADACHI Susumu MASHIKO Shinro
2005/04/01	Development of Multichannel Dual-Mixer Time Difference System to generate UTC (NICT)	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	Vol.54 No.2 pp.829-832	NAKAGAWA Fumimaru IMAE Michito* HANADO Yuko YOSHIKAWA Akimasa
2005/04/01	Theory of multiwave mixing and decoherence control in qubit array system	PHYSICAL REVIEW B	Vol.71 No.16314 pp.1-14	SASAKI Masahide HASEGAWA Atsushi HAYASE Junko MITSUMORI Yasuyoshi* MINAMI Fujio*
2005/04/07	MBE growth and device characteristics of InAlN/GaN HFETs	physica status solidi (c)	Vol.2 No.7 pp.2598-2601	HIGASHIWAKI Masataka MATSUI Toshiaki
2005/04/11	Site-selective fabrication of conducting molecular nanowires based on electrocrystallization	ELECTROCHIMICA ACTA	Vol.50 pp.3028-3032	HASEGAWA Hiroyuki KUBOTA Toru MASHIKO Shinro
2005/04/14	Rapid and Cost-effective measurement of Chromatic Dispersion of optical fiber over 185nm-wavelength-range using a Sagnac interferometer	ELECTRONICS LETTERS	Vol.41 No.8 pp.469-471	Abedin Kazi Sarwar
2005/05/01	Dissociation of the Nuf2-Ndc80 complex releases centromeres from the spindle-pole body during meiotic prophase in fission yeast	MOLECULAR BIOLOGY OF THE CELL	Vol.16 No.5 pp.2325-2338	ASAKAWA Haruhiko HAYASHI Aki HARAGUCHI Tokuko HIRAOKA Yasushi
2005/05/01	Passive approach to expand the field of view of receivers for free-space laser communications	OPTICAL ENGINEERING	44(5) No.56003 pp.1-8	TAKAYAMA Yoshihisa Klaus Werner SHINOHARA Keisuke
2005/05/01	Variable Rate Transmission for Higher System Capacity in a Signaling-only Wireless System	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.5 pp.2210-2214	Khaled Mahmud INOUE Masugi MORIKAWA Hiroyuki
2005/05/01	Vertical profiles of Aeolian dust in a desert atmosphere observed using lidar in Shapotou, China	JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN		YASUI Motoaki Zhou Jixa* Liu Lichao* ITABE Toshikazu MIZUTANI Kohei AOKI Tetsuo
2005/05/01	Pattern reconfigurable leaky-wave antenna design by FDTD method and Floquet's theorem	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	Vol.53 No.5 pp.1845-1848	Xiao Shaoqiu Shao Zhenhai FUJISE Masayuki WANG Bing-Zhong*
2005/05/01	A probabilistic presentation method for everyday information systems	Human Interface Society	Vol.7 No.2 pp.239-248	MINAKUCHI Mitsuru
2005/05/01	A study of correlation between solar wind data observed at two points in interplanetary space during the recent solar maximum	SOLAR PHYSICS	Vol.227 pp.355-370	MIYAKE Wataru SAITOH Yoshifumi* HAYAKAWA Hajime* MATSUOKA Ayako*

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2005/05/01	Examination of the data rate obtainable with low-gain non-tracking antenna applied to user terminal used for mobile communications and broadcasting services provided by quasi-zenithal satellites	INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING	Vol.23 No.3 pp.173-190	MIURA Amane TANAKA Masato
2005/05/01	Optical Magnetic Field Probe Working up to 15 GHz Using CdTe Electro-Optic Crystals	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY	Vol.47 No.2 pp.344-351	SUZUKI Eiji ARAKAWA Satoru OHTA Hiroyasu ARAI Ken-ichi* SATO Risaburo*
2005/05/07	Paramagnetic artifact and safety criteria for human brain mapping	Dynamic Medicine	Vol.4 No.5 pp.1-4	SEIYAMA Akitoshi Junji Seki* Mari Iwamoto* Toshio Yanagida*
2005/05/19	Effect of thermal annealing on 120-nm-T-shaped-Ti/Pt/Au-gate AlGaIn/GaN high electron mobility transistors	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	Vol.23 No.3 pp.895-899	YAMASHITA Yoshimi ENDOH Satoshi IKEDA Keiji HIKOSAKA Koki MIMURA Takashi HIGASHIWAKI Masataka MATSUI Toshiaki HIYAMIZU Satoshi*
2005/05/20	Three-dimensional ionospheric tomography using observation data of GPS ground receivers and ionosonde by neural network	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.110 A05308 pp.1-12	Xiao Feng Ma MARUYAMA Takashi G. Ma* T. Takeda*
2005/05/23	Over 1.3 micron continuous-wave laser emission from InGaSb quantum-dot laser diode fabricated on GaAs substrates	APPLIED PHYSICS LETTERS	Vol.86 No.203118 pp.1-3	YAMAMOTO Naokatsu AKAHANE Koichi GOZU Shin-ichiro OHTANI Naoki*
2005/05/23	Growth of InAsSb Quantum Dots on GaAs Substrates using Periodic Supply Epitaxy	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.44 No.22 L696-L698	UETA Akio GOZU Shin-ichiro AKAHANE Koichi YAMAMOTO Naokatsu OHTANI Naoki
2005/06/01	Roles of the prefrontal neurons in delayed matching-to-category task: a modeling study	NEUROCOMPUTING	65-66 pp.609-616	MINAMI Tetsuto INUJI Toshio*
2005/06/01	Characterization of supercontinuum light source for WDM millimeter-wave-band radio-on-fiber systems	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.17 No.6 pp.1274-1276	KURI Toshiaki NAKASHOHTANI Teppei* TODA Hiroyuki KITAYAMA Ken-ichi*
2005/06/01	PSK self-homodyne detection using a pilot carrier for multi-bit/symbol transmission with inverse-RZ signal	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.17 No.6 pp.1334-1336	MIYAZAKI Tetsuya KUBOTA Fumito
2005/06/01	Derivation of scattering parameter using local scattering modeling and its application to antenna beam selection	The Institute of Electronics, Information and Communication Engineers	J88-B No.6 pp.1058-1066	TSUJI Hiroyuki YAMADA Ken-ichi*
2005/06/01	Downstream structures of interplanetary fast shocks associated with coronal mass ejections	GEOPHYSICAL RESEARCH LETTERS	Vol.32 L12103 pp.1-5	KATAOKA Ryuho WATARI Shin-ichi SHIMADA Nobue SHIMAZU Hironori MARUHASHI Katsuhide
2005/06/01	A study on polarimetric correlation coefficient for feature extraction of polarimetric SAR data	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.3 pp.2353-2361	MORIYAMA Toshifumi YAMAGUCHI Yoshio* URATSUKA Seiho UMEHARA Toshihiko MAENO Hideo SATAKE Makoto NADAI Akitsugu NAKAMURA Kazuki
2005/06/01	Characteristics of As-Grown MgB <sub>2</sub> Thin Films Made by Sputtering	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.15 No.2 pp.3269-3272	SHIMAKAGE Hisashi MIKI Shigehito* TSUJIMOTO Kazuya* Wang Zhen ISHIDA Takekazu* TONOUCHI Masayoshi*
2005/06/01	The relationship between bit-error rate, operating speed and circuit scale of SFQ circuits	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.15 No.2 pp.364-367	TERAI Hirotaka HASHIMOTO Yoshihito YOROZU Shin-ichi* FUJIMAKI Akira* YOSHIKAWA Nobuyuki* Wang Zhen
2005/06/01	Subharmonic photon-assisted tunneling effect in superconducting NbN tunnel junctions	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.15 No.2 pp.216-219	UZAWA Yoshinori TAKEDA Masanori KAWAKAMI Akira Wang Zhen

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2005/06/01	Fabrication of NbN-HEB mixers with fluoride radical etching Process	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.15 No.2 pp.469-471	KATAOKA Hironori KAWAKAMI Akira UZAWA Yoshinori Wang Zhen KAYA Nobuyuki*
2005/06/01	Methods for electromagnetic field measurements with advantageous optical features employed	Laser Society of Japan	Vol.33 No.6 pp.365-372	TSUCHIYA Masahiro
2005/06/01	Fabrication of epitaxial NbN devices with TiN resistors	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	Vol.15 No.2 pp.984-987	KAWAKAMI Akira TERAJIMA Ryo* IMAI Shozo* Wang Zhen
2005/06/01	Talk about E-negotiations via Concept Tree Generation	Journal of Decision Systems	Vol.2004 No.4 pp.477-499	SUMI Kaoru
2005/06/01	Personal viewer for news contents integration based on user's Behavior	Information Processing Society of Japan	Vol.46 SIG8-TOD26 pp.14-25	KAWAI Yukiko KANJO Daisuke TANAKA Katsumi
2005/06/20	Multilayer optical thin films for use at terahertz frequencies: method of fabrication	APPLIED OPTICS	Vol.44 No.18 pp.3769-3773	HOHSAKO Iwao
2005/06/24	Structure and Evolution of Deeply Developed Convective Cells in a Long-lived Cumulonimbus Cloud under a Weak Vertical Wind-Shear Condition	Meteorological Society of Japan	Vol.83 No.3 pp.351-371	SHUSSE Yukari TSUBOI Kazuhisa* Geng Biao* MINDA Haruya* TAKEDA Takao*
2005/06/25	Optical FSK transmission with group delay compensated balance detection	IEICE ELEX	Vol.2 No.11 pp.333-337	KAWANISHI Tetsuya FUJITA Takahisa* HIGUMA Kaoru* ICHIKAWA Jun-ichiro* SAKAMOTO Takahide IZUTSU Masayuki
2005/07/01	Coherent multiple charge transfer in a superconducting NbN tunnel junction	PHYSICAL REVIEW LETTERS	Vol.34700 No.17002 pp.1-4	UZAWA Yoshinori Wang Zhen
2005/07/01	High transconductance of 2.25S/mm observed at 16K for 195-nm-gate In <sub>0.75</sub> Ga <sub>1.25</sub> As/In <sub>0.52</sub> A <sub>1.0</sub> 4.8As HEMT fabricated on (411)A-oriented InP substrate	IEEE ELECTRON DEVICE LETTERS	Vol.26 No.7 pp.425-428	WATANABE Issei SHINOHARA Keisuke KITADA Takahiro* SHIMOMURA Satoshi* Yamashita Y* ENDOH Satoshi MIMURA Takashi MATSUI Toshiaki HIYAMIZU Satoshi*
2005/07/01	Fiber-optic Broadband Signal Distribution Link based on a Millimeter-wave Self-heterodyne Transmission/Optical Remote Heterodyne Detection Technique	IEICE TRANSACTIONS ON ELECTRONICS	E88-C No.7 pp.1465-1474	SHOJI Yoza HASHIMOTO Yoshihiro OGAWA Hiroyo
2005/07/01	Adaptive Subcarrier Block Modulation with Differentially Modulated Pilot Symbol Assistance for Downlink OFDM Using Uplink Delay Spread	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	E88-A No.7 pp.1889-1896	Ahn Chang-Jun TAKAHASHI Satoshi HARADA Hiroshi SASASE Iwao*
2005/07/01	Feed-forward associative learning for volitional movement control	NEUROSCIENCE RESEARCH	Vol.52 pp.153-165	FUJITA Masahiko
2005/07/01	Latitudinal and Longitudinal Displacement of Cusp Ion Precipitation Controlled by IMF By and Bz	EARTH PLANETS AND SPACE	Vol.57 pp.627-641	ASAI Keiko MAEZAWA Kiyoshi* MUKAI Toshinori* HAYAKAWA Hajime*
2005/07/01	Deposition of Thermally Unstable Molecules Using Spray-Jet Technique on Au(111) Surface	JOURNAL OF PHYSICAL CHEMISTRY B	B2005 No.109 pp.13296-13300	SUZUKI Hitoshi YAMADA Toshiki KAMIKADO Toshiya OKUNO Yoshishige MASHIKO Shinro
2005/07/01	Localtime Distribution of Low and Middle Latitude Ground Magnetic Disturbances at Sawtooth Injections of April 18-19, 2002	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.110 A07208 pp.1-11	KITAMURA Kentaro KAWANO Hideaki* OHTANI Shin-ichi* YOSHIKAWA Akimasa* YUMOTO Kiyofumi*
2005/07/01	Off-axis beam angle dependence of scintillation and effect of multi-beam uplink laser transmission	Laser Society of Japan	Vol.33 No.7 pp.462-468	TOYODA Masahiro
2005/07/01	Experiments on IMT-2000 Using Unmanned Solar Powered Aircraft at an Altitude of 20 km	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	Vol.54 No.4 pp.1278-1294	OHDOH Masayuki TSUJI Hiroyuki MIURA Ryu MARUYAMA Masaaki* SUZUKI Mikio NISHI Yuichiro* SASAMOTO Hisashi*
2005/07/01	Generation and Loss of New Electron Radiation Belt in the Slot Region During the Bastille Day Magnetic Storm	Space Radiation	pp.145-152	OBARA Takahiro MIYOSHI Yoshizumi* Terrance G. Onsager*

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2005/07/08	Circular polarization control in silicon-based all-optical-switch	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.44 7A,2005 pp.4749-4751	YAMAMOTO Naokatsu MATSUNO Toshiaki* TAKAI Hiroshi* OHTANI Naoki*
2005/07/08	View generation of TV content using TV viewer's viewpoint based on live chat on the web	The Database Society of Japan	Vol.4 No.1 pp.93-96	MIYAMORI Hisashi NAKAMURA Satoshi TANAKA Katsumi
2005/07/11	Dispersion-flattened-fiber based optical threshold for multiple-access-interference suppression in OCDMA system	OPTICS EXPRESS	Vol.13 No.14 pp.5499-5505	Wang Xu Taro Hamanaka* WADA Naoya Ken-ichi Kitayama*
2005/07/20	Kochen-Specker theorem as a precondition for secure quantum key distribution	PHYSICAL REVIEW A	Vol.72 No.12325 pp.1-4	NAGATA Koji
2005/08/01	Ultrafast All-optical NOR Gate based on Intersub-band and Interband Transitions	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.17 No.8 pp.1701-1703	NARUSE Makoto YOSHIDA Haruhiko* MIYAZAKI Tetsuya KUBOTA Fumito ISHIKAWA Hiroshi*
2005/08/01	Partial wavelength conversion in hierarchical light-path networks and its cost reduction effect	The Institute of Electronics, Information and Communication Engineers	J88-B No.8 pp.1411-1421	SUZUKI Hitoshi TAKAHASHI Taishi* HARAI Hiroaki OZEKI Takeshi*
2005/08/01	Statistical Characteristics of E-Field Distribution in a Reverberation Chamber	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3127-3132	HARIMA Katsushige
2005/08/01	Estimation of Radiated Power of Radio Transmitters Using a Reverberation Chamber	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3158-3163	SUGIYAMA Tsutomu SHINODUKA Takashi IWASAKI Ken
2005/08/01	Invasiveness of an Optical Magnetic Field Probe with a Loop Antenna Element	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3170-3175	ARAKAWA Satoru SUZUKI Eiji OHTA Hiroyasu ARAI Ken-ichi* SATO Risaburo*
2005/08/01	Magnetic near-field distribution measurements above a patch antenna by using an optical waveguide probe	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3140-3145	TAKAHASHI Masanori OHTA Hiroyasu ARAI Ken-ichi* SATO Risaburo*
2005/08/01	Plan of time management of satellite positioning system using quasi-zenith satellite	The Institute of Electrical Engineers of Japan	Vol.125 No.8 pp.1209-1216	TAKAHASHI Yasuhiro FUJIEDA Miho AMAGAI Jun YOKOTA Shoichiro KIMURA Kazuhiro ITO Hiroyuki HAMA Shin-ichi MORIKAWA Takao KAWANO Isao* KOGURE Satoshi*
2005/08/01	Development of time comparison equipment for ETS-VIII satellite	The Institute of Electrical Engineers of Japan	Vol.125 No.8 pp.1244-1253	NAKAGAWA Fumimaru TAKAHASHI Yasuhiro GOTOH Tadahiro FUJIEDA Miho HOSOKAWA Mizuhiko KIUCHI Hitoshi* IMAE Michito*
2005/08/01	S-band Active Phased Array Antenna With Analog Phase Shifters Using Double Balanced Mixers For Mobile SATCOM Vehicles	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	Vol.53 No.8 pp.2533-2541	MIURA Amane FUJINO Yoshiyuki TAIRA Shin-ichi OBARA Noriaki* TANAKA Masato OJIMA Takashi* SAKAUCHI Koji*
2005/08/01	Experimental Study on Compensation of Array Element Pattern of Collinear Dipole Array Sensor	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3314-3316	AWAI Kyosuke TAIRA Kazumasa SAWAYA Kunio SATO Risaburo*
2005/08/01	Estimation of Short Range Multiple Coherent Source Location by Using MUSIC Algorithm	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3317-3320	KATOH Takashi TAIRA Kazumasa SAWAYA Kunio* SATO Risaburo* AMAGAI Jun
2005/08/01	Estimation of Multiple Coherent Source Locations by Using SPM Method Combined with Signal Subspace Fitting Technique	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3164-3169	YOSHIMOTO Yuzo TAIRA Kazumasa SAWAYA Kunio* SATO Risaburo*
2005/08/01	Evaluation of time transfer precision with GPS all in view	The Institute of Electrical Engineers of Japan	Vol.125 No.8 pp.1185-1190	GOTOH Tadahiro MORIKAWA Takao
2005/08/01	Calibration system of internal delay difference for two-way satellite time transfer	The Institute of Electrical Engineers of Japan	Vol.125 No.8 pp.1228-1235	FUJIEDA Miho IMAE Michito SUZUYAMA Tomonari YOSHIKAWA Akimasa MAENO Hideo Lam Quoc Tung

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2005/08/01	Proposal of web pages integration method based on page layout and page content	The Database Society of Japan	Vol.4 No.1 pp.41-44	KAWAI Yukiko KANJO Daisuke TANAKA Katsumi
2005/08/01	Reduction of microwave oven interference in DS-SS WLAN systems by using adaptive filters	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-B No.8 pp.3221-3228	MATSUMOTO Yasushi NAKATSUKA Masanobu* MURAKAMI Takahide* FUJII Katsumi* SUGIURA Akira*
2005/08/19	Scan by Monitoring a Pair of Points --- Optical Survey Method for Near-Geosynchronous Orbits	Space Technology Japan	pp.13-24	UMEHARA Hiroaki TAKAHASHI Masaaki OHTSUBO Toshimichi KUBOTA Toshihiro