

An enhanced situational awareness of AUV's mission by multirate neural control

Astrov, Igor; Pikkov, Mihhail World Academy of Science, Engineering and Technology 2012 / p. 91-97 : ill

<https://zenodo.org/records/1335220>

An enhanced situational awareness of AUV's mission by multirate neural control [Electronic resource]

Astrov, Igor; Pikkov, Mihhail ICMOS 2012 CD-ROM Proceedings : [International Conference on Modelling, Optimization and Simulation (ICMOS 2012), Berlin, Germany, September 19-20, 2012] 2012 / [7 p.] : ill [CD-ROM] <https://zenodo.org/records/1335220>

The basic Schottky parameters for combined diffusion welded and sputter metal contacts

Kuznetsova, Natalja; Korolkov, Oleg; Rang, Toomas; Pikkov, Mihhail BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 47-50 : ill

Comparison of GaAs based high voltage diode stacks

Voitovitš, Viktor; Kuznetsova, Natalja; Rang, Toomas; Pikkov, Mihhail; Ruut, Jana EPE-PEMC 2004 : 11th International Power Electronics and Motion Control Conference : 2-4 September 2004, Riga, Latvia : proceedings. Vol. 2 of 7, Devices, control of converters, measurements and sensors 2004 / p. 2-391 - 2-394 : ill

Comparison of turn-on characteristics of thyristor structures based on wide bandgap materials

Rang, Toomas; Vaselo, Aleksandr; Rang, Galina; Pikkov, Mihhail Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 4, p. 445-454 : ill

Flight control of vectored thrust aerial vehicle by neural network predictive controller for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein World Academy of Science, Engineering and Technology 2013 / p. 77-81 : ill

High performance GaAs power diodes

Voitovitš, Viktor; Rang, Toomas; Rang, Galina; Pikkov, Mihhail BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 111-114 : ill

HomeLabKits - implementation and usage

Jaanus, Martin; Kuk, Vello; Umbleja, Kadri; Gordon, Boris; Pikkov, Mihhail BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 331-334 : ill

Large area 4H-SiC power Schottky diode

Rang, Toomas; Korolkov, Oleg; Pikkov, Mihhail Abstracts of the 3rd International Conference and Exhibition Micro Materials : MicroMat2000 : April 17-19, 2000, Berlin, Germany 2000 / p. 303-304

Large area 4H-SiC power Schottky diode

Rang, Toomas; Korolkov, Oleg; Pikkov, Mihhail Proceedings of the 3rd International Conference and Exhibition Micro Materials : MicroMat2000 : April 17-19, 2000, Berlin, Germany 2000 / p. 890-893

Large area 6H-SiC Schottky diode

Rang, Toomas; Korolkov, Oleg; Pikkov, Mihhail Proceedings of the Estonian Academy of Sciences. Engineering 2000 / 2, p. 155-159 : ill https://artiklid.elnet.ee/record=b1004045*test

Large area high quality interfaces to SiC substrates - technology and modelling

Rang, Toomas; Korolkov, Oleg; Kurel, Raido; Pikkov, Mihhail Materials mechanics, fracture mechanics, micro mechanics 1999 / p. 574-579 : ill

LQG flight control of VTAV for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein World Academy of Science, Engineering and Technology. International journal of mechanical, industrial science and engineering 2013 / p. 981-986 : ill

Metallization technologies for wide band-gap semiconductor substrates : (invited paper)

Rang, Toomas; Korolkov, Oleg; Pikkov, Mihhail Proceedings of the 6th Nexuspan Workshop Microsystems Technology Activities in Baltic Region : 23-24 April, 1999, Vilnius, Lithuania 1999 / p. 27-30

Motion control of an autonomous surface vessel for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein World Academy of Science, Engineering and Technology. International journal of mechanical, industrial science and engineering 2013 / p. 1203-1208 : ill

Motion control of vectored thrust aerial vehicle for enhanced situational awareness

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein Mathematical applications in science and mechanics : [proceedings of the

conferences : Dubrovnik, Croatia, June 25-27, 2013] 2013 / p. 59-64 : ill

Preliminary approach to the timing measurements for reverse recovery applied to the SiC Schottky diode model

Pikkov, Mihhail The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 321-322 : ill

SiC Schottky diode for power converters

Pikkov, Mihhail; Rang, Toomas PEDC 2001 : Power Electronics Devices Compatibility : 2nd conference : 3-5 September 2001, Zielona Gora, Poland 2001 / p. 156-161 : ill

SiC Schottky diode for use in power convertors

Pikkov, Mihhail; Rang, Toomas; Pokatilov, Andrei BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 245-246 : ill

Situational awareness based neural flight control of a coaxial rotor/ducted-fan helicopter

Astrov, Igor; Pikkov, Mihhail; Paluoja, Rein Recent advances in systems science : proceedings of the 17th International Conference on Systems (part of CSCC '13) : Rhodes Island, Greece, July 16-19, 2013 2013 / p. 54-59 : ill

Two-rate neural predictive control of coaxial rotor/ducted-fan UAV for enhanced situational awareness

Astrov, Igor; Berezovski, Natalya; Pikkov, Mihhail; Kimlaychuk, Vadim International Conference on Information Society (i-Society 2015) : London, UK, November 9-11, 2015 2015 / p. 127-132 : ill <http://dx.doi.org/10.1109/i-Society.2015.7366873>

Voltage inverter on GTO thyristors

Pikkov, Mihhail BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 487-488: ill

Блок формирования отрицательного тока управления для установок испытания полностью управляемых полупроводниковых приборов

Pikkov, Mihhail Методы и аппаратура исследования и измерения силовых полупроводниковых приборов : сборник статей 1987 / с. 98-102 : илл

Запираемые тиристоры типа Т3123-200

Vulp, M.; Karuks, O.; Kuusik, E.; **Pikkov, Mihhail**; Ruhhamkin, Valeri Силовые быстродействующие полупроводниковые приборы : сборник статей. Часть II 1989 / с. 160-167 : ил., табл https://www.ester.ee/record=b1264433*est

Измерение коэффициентов ударной ионизации в рп-переходах при очень низкой интенсивности размножения

Velmre, Enn; Pikkov, Mihhail Машинное проектирование электронных устройств и систем 1989 / с. 3-19 : ил

Инвертор напряжения на базе запираемых тиристоров

Pikkov, Mihhail Automation, simulation & measurement : ASM'91 : 3rd biennial conference, Tallinn, October 7-11, 1991. Section A. Section M / Tallinn Technical University 1992 / с. 151-155: ил

Интегральное использование силового запираемого тиристора со встречно-параллельно включенным диодом

Pikkov, Mihhail; Saks, P.; Seleninov, Kazimir Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 45 https://www.ester.ee/record=b1310801*est

Исследование силовых запираемых тиристоров на импульсный ток 200 А, напряжение 1200 В

Ajazjan, R.; Dermenzi, Pantelei; Kuusik, E.; **Pikkov, Mihhail; Tarma, Mati** Силовые полупроводниковые приборы : сборник статей 1986 / с. 127-131 : ил., табл https://www.ester.ee/record=b1591355*est

Коммутационные потери включения в запираемых тиристорах

Kewai, H.; **Pikkov, Mihhail** Силовые полупроводниковые приборы : сборник статей 1986 / с. 157-160 : ил https://www.ester.ee/record=b1591355*est

Особенности применения силовых транзисторов в автономных инверторах напряжения

Pikkov, Mihhail Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 65 https://www.ester.ee/record=b1310801*est

Установка для измерения времени выключения запираемых тиристоров

Pikkov, Mihhail Методы и аппаратура исследования и измерения силовых полупроводниковых приборов : сборник статей 1987 / с 94-97 : илл https://www.ester.ee/record=b1264432*est

Электротехника и автоматика

Mägi, Harri; Velmre, Enn; Pikkov, Mihhail; Orro, S.; Rang, Toomas; Gurjanov, Boris; Kruus, Margus; Salum, Kaja; Berkman, Boriss; Keevallik, Andres; Kasirova, Lilia; Kruus, Margus; Ellervee, Peeter; Ubar, Raimund-Johannes; Grigorjeva, Ksenja; Kont, Toomas 1989 https://www.ester.ee/record=b1285446*est