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Parkhomey Igor
Ігор Пархомей

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Personal information

Emails & domains　　　　❯

Verified email domains

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Activities　　　　Collapse all

⌄ Employment (1)　　　≡ Sort

Taras Shevchenko National University of Kyiv: Kyiv, UA

Professor (Faculty of Information Technology)　　　Show more detail
Employment

Source: ✅ Taras Shevchenko National University of Kyiv *via* ORCID Member Portal

⌄ Education and qualifications (2)　　　≡ Sort

Національний технічний університет України ""Київський політехнічний інститут імені Ігоря: Kyiv, Kyiv City, UA

2015-06-18 to 2021-12-31 | доктор технічних наук/ завідувач кафедри (кафедра технічної кібернетики)　　　Show more detail
Education

Source: 👤 Parkhomey Igor

Національна академія оборони України: Київ, Європа, UA

2002-09-01 to 2004-06-20 | магістр (Національна академія оборони України)　　　Show more detail
Education

Source: 👤 Parkhomey Igor

⌄ Works (29)　　　≡ Sort

АЛГОРИТМ НАЛАШТУВАННЯ КІЛЬКОСТІ ПОТОКІВ ДЛЯ ВИКОНАННЯ ФОНОВИХ ЗАДАЧ

MEASURING AND COMPUTING DEVICES IN TECHNOLOGICAL PROCESSES　　　Show more detail
2024-11-28 | Journal article
DOI: 10.31891/2219-9365-2024-80-20
CONTRIBUTORS: Igor PARKHOMEY; Juliy BOIKO; Viacheslav LEMESHKO

Source: ✅ Crossref

❓

МЕТОДИКА ПІДВИЩЕННЯ ТОЧНОСТІ АВТОМАТИЗОВАНОГО КЕРУВАННЯ РОБОТОТЕХНІЧНИМИ СИСТЕМАМИ ДОДАТКОВИХ МОДУЛІВ БПЛА

Herald of Khmelnytskyi National University. Technical sciences
2024-05-30 | Journal article
DOI: 10.31891/2307-5732-2024-337-3-14
CONTRIBUTORS: IGOR PARKHOMEY; JULIY BOIKO; VITALII TKACHUK; OLEH SVACHII

Show more detail

Source: ✅ Crossref

Method for measuring voltages in channels of a hemispherical resonator gyroscope with an arbitrary orientation axes

Indonesian Journal of Electrical Engineering and Computer Science
2023 | Journal article
DOI: 10.11591/ijeecs.v29.i2.pp715-724
EID: 2-s2.0-85143283480
Part of ISSN: 25024760 25024752
CONTRIBUTORS: Parkhomey, I.; Boiko, J.; Zeniv, I.; Bondarenko, T.

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Source: 👤 Parkhomey Igor *via* Scopus - Elsevier ⭐ Preferred source (of 2)

Software Simulation of a MEMS Accelerometer for Cargo Unmanned Aerial Vehicle

2023 IEEE 7th International Conference on Methods and Systems of Navigation and Motion Control (MSNMC)
2023-10-24 | Conference paper
DOI: 10.1109/msnmc61017.2023.10329094
CONTRIBUTORS: Juliy Boiko; Oleh Svachii; Igor Parkhomey; Oleksii Horskyi

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Source: 👤 Parkhomey Igor *via* Crossref Metadata Search ⭐ Preferred source (of 2)

Implementation and analysis of 5G network identification operations at low signal-to-noise ratio

TELKOMNIKA (Telecommunication Computing Electronics and Control)
2023-06-01 | Journal article
DOI: 10.12928/telkomnika.v21i3.22893
Part of ISSN: 2302-9293
CONTRIBUTORS: Ilya Pyatin; Juliy Boiko; Oleksander Eromenko; Igor Parkhomey

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Source: 👤 Parkhomey Igor *via* Crossref Metadata Search ⭐ Preferred source (of 2)

Methodology for the Development of Radar Control Systems for Flying Targets with an Artificially Reduced RCS

Journal of Robotics and Control (JRC)
2022-07-01 | Journal article
DOI: 10.18196/jrc.v3i4.15440
Part of ISSN: 2715-5072
CONTRIBUTORS: Igor Parkhomey; Juliy Boiko; Oleksander Eromenko

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Source: 👤 Parkhomey Igor *via* Crossref Metadata Search ⭐ Preferred source (of 2)

SIGNAL PROCESSING AND SYNCHRONIZATION TECHNIQUE IN SOFTWARE-DEFINED RADIO SYSTEMS WITH OFDM

Herald of Khmelnytskyi National University. Technical sciences
2022-05-02 | Journal article
DOI: 10.31891/2307-5732-2022-307-2-123-132
CONTRIBUTORS: JULIY BOIKO; ILYA PYATIN; IGOR PARKHOMEY

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Source: ✅ Crossref

RADAR TECHNIQUE FOR AIRCRAFT WITH AN ARTIFICIALLY REDUCED RCS UNDER CONDITIONS OF APPLICATION A RESONANT ELECTROMAGNETIC FIELD

Herald of Khmelnytskyi National University
2022-02-23 | Journal article
DOI: 10.31891/2307-5732-2022-305-1-184-190
CONTRIBUTORS: Igor PARKHOMEY; Juliy BOIKO

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Source: ✅ Crossref

A Simulation Model for Predicting the Maximum Length of a Terahertz Wireless Communication System

2022 IEEE 16th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering (TCSET)
2022-02-22 | Conference paper
DOI: 10.1109/tcset55632.2022.9767074

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CONTRIBUTORS: Volodymir Druzhynin; Igor Parkhomey; Juliy Boiko; Yevhenii Batrak; Nataliia Tsopa

Design and modeling industrial intelligent robot flexible hand

Bulletin of Electrical Engineering and Informatics
2022-02-01 | Journal article
DOI: 10.11591/eei.v11i1.3304
Part of ISSN: 2302-9285
CONTRIBUTORS: Mikhail Polishchuk; Mikhail Tkach; Igor Parkhomey; Juliy Boiko; Oleksander Eromenko

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Intelligent machine for sorting semi-precious minerals

Indonesian Journal of Electrical Engineering and Computer Science
2021-06-01 | Journal article
DOI: 10.11591/ijeecs.v22.i3.pp1354-1364
Part of ISSN: 2502-4760
CONTRIBUTORS: Mikhail Polishchuk; Mikhail Tkach; Igor Parkhomey; Juliy Boiko; Yevhenii Batrak; Oleksander Eromenko

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USE OF NANOBOTS IN DIAGNOSIS THE STATE OF THE LIVING ORGANISM

Collection of scientific works of the Military Institute of Kyiv National Taras Shevchenko University
2020 | Journal article
DOI: 10.17721/2519-481x/2020/67-04
Part of ISSN: 2519-481X
CONTRIBUTORS: I.R. Parkhomey; V.A. Druzhynin; N.V. Tsopa; G.B. Zhyrov

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Engineering Practices of Determining Transmission Capacity and Delay of Interconnecting Line Taking into Account its Configuration and Cost

Indonesian Journal of Electrical Engineering and Informatics (IJEEI)
2020-09-25 | Journal article
DOI: 10.11591/ijeei.v8i3.1643
Part of ISSN: 2089-3272
CONTRIBUTORS: Igor Parkhomey; Juliy Boiko; Nataliia Tsopa; Oleksander Eromenko

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Engineering Practices of Determining Transmission Capacity and Delay of Interconnecting Line Taking into Account its Configuration and Cost

Indonesian Journal of Electrical Engineering and Informatics (IJEEI)
2020-09-25 | Journal article
DOI: 10.52549/ijeei.v8i3.1643
Part of ISSN: 2089-3272
CONTRIBUTORS: Igor Parkhomey; Juliy Boiko; Nataliia Tsopa; Oleksander Eromenko

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Assessment of quality indicators of the automatic control system influence of accident interference

TELKOMNIKA (Telecommunication Computing Electronics and Control)
2020-08-01 | Journal article
DOI: 10.12928/telkomnika.v18i4.15601
Part of ISSN: 2302-9293
CONTRIBUTORS: Igor Parkhomey; Juliy Boiko; Nataliia Tsopa; Iryna Zeniv; Oleksander Eromenko

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Experimental Studies on the Reactive Thrust of the Mobile Robot of Arbitrary Orientation

Indonesian Journal of Electrical Engineering and Informatics (IJEEI)
2020-05-10 | Journal article
DOI: 10.11591/ijeei.v8i2.1681
Part of ISSN: 2089-3272
CONTRIBUTORS: Mikhail Polishchuk; Mikhail Tkach; Igor Parkhomey; Juliy Boiko; Oleksander Eromenko

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Experimental Studies on the Reactive Thrust of the Mobile Robot of Arbitrary Orientation

Indonesian Journal of Electrical Engineering and Informatics (IJEEI)
2020-05-10 | Journal article
DOI: 10.52549/ijeei.v8i2.1681
Part of ISSN: 2089-3272
CONTRIBUTORS: Mikhail Polishchuk; Mikhail Tkach; Igor Parkhomey; Juliy Boiko; Oleksander Eromenko

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Алгоритм визначення електромагнітної сумісності для рішення задач частотного планування

Адаптивні системи автоматичного управління
2019-09-26 | Journal article
DOI: 10.20535/1560-8956.1.2019.178230
Part of ISSN: 2522-9575
CONTRIBUTORS: I. P. Parkhomey; V. V. Nedoluzhko

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Дослідження спотворень сигналів при інтерполяції у SDR передавачах з модуляцією QPSK

Адаптивні системи автоматичного управління
2019-09-26 | Journal article
DOI: 10.20535/1560-8956.1.2019.178070
Part of ISSN: 2522-9575
CONTRIBUTORS: Juliy Boiko; Ilya Pyatin; Oleksander Eromenko; Igor Parkhomey

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Обробка інформації оптичним датчиком робота за умови неповної вхідної інформації

Адаптивні системи автоматичного управління
2019-09-26 | Journal article
DOI: 10.20535/1560-8956.1.2019.178229
Part of ISSN: 2522-9575
CONTRIBUTORS: Igor Parkhomey; Eevhenii Batrak; Nataliia Tsopa; Irina Zeniv

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Identification information sensors of robot systems

Indonesian Journal of Electrical Engineering and Computer Science
2019-06-01 | Journal article
DOI: 10.11591/ijeecs.v14.i3.pp1235-1243
Part of ISSN: 2502-4760
CONTRIBUTORS: Igor Parkhomey; Juliy Boiko; Oleksander Eromenko

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Structural Model of Robot-Manipulator for the Capture of Non-cooperative Client Spacecraft

Advances in Intelligent Systems and Computing
2018-05-12 | Book chapter
DOI: 10.1007/978-3-319-91008-6_4
Part of ISBN: 9783319910086
Part of ISSN: 2194-5365
CONTRIBUTORS: Дмитро Олександрович Гуменний; I. Parkhomey; M. Tkach

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Structural model of robot-manipulator for capture of no-cooperative client spacecraft

CEUR Workshop Proceedings
2017 | Conference paper
EID: 2-s2.0-85044526043
Part of ISSN: 16130073
CONTRIBUTORS: Humennyi, D.O.; Khlaponin, Y.I.; Parkhomey, I.R.; Rudnitska, O.V.

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Automated control system radar work

2016 | Dissertation or Thesis

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Features of digital signal processing in the information control systems of multipositional radar

Journal of Achievements in Materials and Manufacturing Engineering
2016 | Journal article
DOI: 10.5604/17348412.1230101
EID: 2-s2.0-85056289881
Part of ISSN: 2300892X 17348412
CONTRIBUTORS: Parhomey, I.R.; Boiko, J.M.; Eromenko, O.I.

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Features of digital signal processing in the information control systems of multipositional radar

Journal of Achievements in Materials and Manufacturing Engineering
2016 | Journal article

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Method for UAV trajectory parameters estimation using additional radar data

Methods and Systems of Navigation and Motion Control (MSNMC), 2016 4th International Conference on
2016 | Conference paper

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Method for UAV trajectory parameters estimation using additional radar data

2016 4th International Conference on Methods and Systems of Navigation and Motion Control (MSNMC)
2016-10 | Conference paper
DOI: 10.1109/msnmc.2016.7783101
CONTRIBUTORS: V. Kozlovskyy; I. Parkhomey; R. Odarchenko; S. Gnatyuk; T. Zhmurko

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Structural Model of Robot-Manipulator for Capture of No-Cooperation Client Spacecraft

Other
DOI: 10.20944/preprints201709.0072.v1
CONTRIBUTORS: Дмитро Олександрович Гуменний; Igor Parkhomey; Yelyzaveta Bondar

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