

[Penin Alexandru](#)

6. Publicații la manifestări științifice de peste hotare
6.2. Publicații la manifestări științifice indexate în Scopus - 1
[Teze/Rezumate în culegeri - 7.](#)

2024 - 1

Effect of training data changing step and input vector excessive dimension of a neural network on approximation accuracy. Load calculation of a unstable communication line

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Ghitu Institute of Electronic Engineering and Nanotechnologies, TUM

NANO- 2024: "Quo Vadis - Ethics of the Scientific Research"

Nr. 6(162) / 2017 / ISSN 0304-8608

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2023 - 2

Irregular Step of Changing for Neural Network Data Sets Improves the Accuracy of Resistive Sensors Calculation

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IFMBE Proceedings Nanotechnologies and Biomedical Engineering

Nr. 3(82) / 2016 / ISSN 1024-7696 / ISSNe 2587-4322

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Irregular Step of Changing for Neural Network Data Sets Improves the Accuracy of Resistive Sensors Calculation

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IFMBE Proceedings. 6th International Conference on Nanotechnologies and Biomedical Engineering

Nr. 2(43) / 2007 / ISSN 0013-5739 / ISSNe 2345-1718

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2022 - 1

Use of Fractional-Quadratic Approximation Invariant of Nonlinear Characteristic of Magnetolectric Sensor

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IFMBE Proceedings. 5th International Conference on Nanotechnologies and Biomedical Engineering

Nr. 1-2(271) / 2014 / ISSN 1857-4300 / ISSNe 2587-3717

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2021 - 1

Use of Fractional-Quadratic Approximation Invariant of Nonlinear Characteristic of Magnetoelectric Sensor

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Nanotechnologies and Biomedical Engineering

Nr. 9(1) / 2012 / ISSN 1857-4114 / ISSNe 2537-6438

Disponibil online 18 November, 2021. Descarcări-2. Vizualizări-417

2020 - 1

Voltage management of a remote load

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IFMBE Proceedings. 4th International Conference on Nanotechnologies and Biomedical Engineering

Nr. 7 / 2007 / ISSN 1814-3237 / ISSNe 1857-498X

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2019 - 1

Invariant properties of volt-ampere characteristics of electronic devices

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NANO- 2019: Limits of Nanoscience and Nanotechnologies

Nr. 2(10) / 2009 / ISSN 1857-0070

Disponibil online 27 January, 2020. Descarcări-1. Vizualizări-556

2018 - 1

Determination of one valued characteristics of power-source and power-load elements

Penin Alexander A., Sidorenko Anatolie

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

Telecommunications, Electronics and Informatics

Nr. 4(8) / 2006 / ISSN 1857-0011

Disponibil online 29 May, 2018. Descarcări-5. Vizualizări-739

2017 - 2

Voltage Regulation and Stabilization with Limited Capacity Power Supply

Penin Alexander A., Sidorenko Anatolie

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

Microelectronics and Computer Science

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Передача двух сигналов по трехпроводной линии с потерями

Penin Alexandru, Sidorenko Anatolie, Дону Софья

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Microelectronics and Computer Science

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Disponibil online 31 October, 2017. Descarcări-5. Vizualizări-622

2016 - 3

Projective geometry invariants of human body and multi-port electrical circuits

Penin Alexander A.

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

IFMBE Proceedings 3rd International Conference on Nanotechnologies and Biomedical Engineering, ICNBME 2015

Nr. 1 / 2009 / ISSN 1857-0437

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Transmission of resistance sensor signals over multi-wire line with losses

Penin Alexander A., Sidorenko Anatolie

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

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Transmission of three resistance sensor signals over fourwire line with losses

Penin Alexander A., Sidorenko Anatolie

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

NATO Science for Peace and Security Series A: Chemistry and Biology

Nr. 9/2(285) / 2015 / ISSN 2587-4365 / ISSNe 2587-4373

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2015 - 3

Projective geometry invariants of human body and multi-port electrical circuits

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Nanotechnologies and Biomedical Engineering

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Stabilization of load voltages in power supply systems with limited capacity voltage sources

Penin Alexander A., Sidorenko Anatolie

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

Telecommunications, Electronics and Informatics

Nr. 4(4) / 2005 / ISSN 1857-0011

Disponibil online 17 May, 2018. Descarcări-4. Vizualizări-584

Transmission of resistance sensor signals over multi-wire line with losses

Penin Alexander A., Sidorenko Anatolie

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Nanotechnologies and Biomedical Engineering

Nr. 1(307) / 2009 / ISSN 1857-064X

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2014 - 1

Voltage regulators with limited capacity power supply and Non-Euclidean geometry

Penin Alexander A., Sidorenko Anatolie

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova

Microelectronics and Computer Science The 5th International Conference

Nr. 1(8) / 2009 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 11 April, 2019. Descarcări-0. Vizualizări-652

2013 - 1

Non-Euclidean geometry of human body and electrical networks

Penin Alexander A.¹, Sidorenko Anatolie¹, Vaseashta Ashok²

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Nanotechnologies and Biomedical Engineering

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Disponibil online 24 June, 2019. Descarcări-0. Vizualizări-591

2011 - 1

Approximation of MOSFET transistor characteristics in micro- and nanoelectronics

Penin Alexander A., Sidorenko Anatolie

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Nanotechnologies and Biomedical Engineering

Nr. 2-3(37) / 2006 / ISSN 1810-6455

Disponibil online 22 July, 2019. Descarcări-0. Vizualizări-636

2009 - 1

Generalized hyperbolic model for I-V characteristic of semiconductor devices

Penin Alexander A., Sidorenko Anatolie

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu"

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