

## [Penin Alexandru](#)

3. Articole în reviste din RM

3.1. Articole în reviste științifice din RM (perioada în care au avut categorie de clasificare + 2 numere până la aprobarea statutului de publicație științifică)

3.1.5. Articole în reviste științifice din RM (până în 2009) - 2

**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**

*Penin Alexander A., Sidorenko Anatolie*

Ghitu Institute of Electronic Engineering and Nanotechnologies, TUM

#### **NANO- 2024: “Quo Vadis - Ethics of the Scientific Research”**

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

Disponibil online 20 May, 2024. Descarcări-0. Vizualizări-37

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### **2023 - 1**

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

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<sup>2</sup> D.V. Skobeltsyn Institute of Nuclear Physics, M.V. Lomonosov Moscow State University

#### **IFMBE Proceedings Nanotechnologies and Biomedical Engineering**

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

Disponibil online 13 October, 2023. Descarcări-0. Vizualizări-139

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### **2015 - 2**

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

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

#### **Nanotechnologies and Biomedical Engineering**

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

Disponibil online 13 April, 2019. Descarcări-0. Vizualizări-699

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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

#### **Nanotechnologies and Biomedical Engineering**

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

Disponibil online 13 April, 2019. Descarcări-0. Vizualizări-615

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**2013 - 1**

**Non-Euclidean geometry of human bodyfand electrical networks**

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**Nanotechnologies and Biomedical Engineering**

Nr. 1(29) / 2005 / ISSN 1810-6455

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

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**2011 - 1**

**Approximation of MOSFET transistor characteristics in micro- and nanoelectronics**

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

**Nanotechnologies and Biomedical Engineering**

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

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

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