

Naira Yurik Gasparyan

✉ nairagasparyan@ysu.am



Institute of Physics

Chair of Telecommunications and Signal Processing

Senior laboratory assistant

Education

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|--------------------|--------------------------|
| Institution | Yerevan State University |
| Faculty | Institute of Physics |
| Date | 2023 - 2024 |
| Degree name | PhD student |

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| Institution | Pan-Armenian Center of Excellence |
| Faculty | Quantum and Mesoscopic Physics |
| Date | 2022 - 2024 |
| Degree name | Masters |

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|--------------------|--------------------------|
| Institution | Yerevan State University |
| Faculty | Faculty of Radiophysics |
| Date | 2019 - 2021 |
| Degree name | Masters |

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|--------------------|--------------------------|
| Institution | Yerevan State University |
| Faculty | Faculty of Radiophysics |
| Date | 2015 - 2019 |
| Degree name | Bachelor |

Language skills

Հայերեն English Русский

Work experience

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|-----------------------|--------------------------|
| Institution | Yerevan State University |
| Period of time | 2022 till now |
| Rank/degree | Lecturer |

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| Institution | A. Alikhanyan National Science Laboratory |
| Period of time | 2021 till now |
| Rank/degree | Assistant |

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| Institution | Yerevan State University |
| Period of time | 2020 till now |
| Rank/degree | Assistant |

State awards and honorary titles

2024 "Annual educational award for the best students in the field of IT" in the "Best PhD" category

Publications

Article

Analysis of Harmonic Signals in Non-Real Time of Moving Targets in Complex Environments Using Higher-Order Statistics in LabVIEW [Анализ гармонических сигналов в нереальном времени движущихся целей в сложных средах с использованием статистики более высоко

A. Hakhoumian, M. Barseghyan, N. Gasparyan, B. Hovhannisyan, E. Sivolenko

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2024 408-412

Article

Combining Bispectral Analysis with the Levenberg-Marquardt Algorithm for Enhanced Non-linear Signal Processing in Astronomy

E. Sivolenko, N. Gasparyan, A. Aharonyan, V. Avetisyan, M. Vinnichenko

Communications of the Byurakan Astrophysical Observatory 2024 402-408

Article

15.5 MeV proton irradiation treatment of liquid phase exfoliated graphene

Narek Margaryan, Naira Gasparyan, Samvel Mayilyan, Eduard Aleksanyan, Andranik Manukyan,

Mikayel S. Torosyan

Diamond and Related Materials 2024 111224

Article

More accurate and effective monitoring of moving targets in complex environments using "spectral mask" for harmonic signatures using higher-ordered statistics

Eduard Sivolenko, Arsen Hakhoumian, Naira Gasparyan, Mane Barseghyan, Hakob Babayan

IET Conference Proceedings 2024 49-52

Article

SC-DSB signal as a probe signal for testing nonlinearity in electronic circuits

Naira Gasparyan, Arsen Hakhoumian, Eduard Sivolenko, Mane Barseghyan

IET Conference Proceedings 2024 75-78

Article

Functionalization of Graphene Oxide Layers Simultaneously with Liquid Phase Exfoliation

L. Anjo, A. Arshakyan, N. Gasparyan, A. Shahinyan, E. Aleksanyan, N. Margaryan

Armenian Journal of Physics 2023 56-61
