

## Сиволенко Эдуард Робертович

Научная степень - Кандидат технических наук

Образование – высшее

Опыт работы – 9 лет

Специализация - Радиофизика, включая системы связи, СВЧ устройства и технологии



Читаемые дисциплины:

- Помехоустойчивость радиолокационных систем
- Ведение в цифровую обработку сигналов

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### ПУБЛИКАЦИИ

1. V. Temkina, A. Medvedev, A. Mayzel, A. Mokeev and E. Sivolenko, "Improvement of Fiber-Optic Current Sensor Technology for Relay Protection and Commercial Metering in Power Grid," *2020 3rd International Colloquium on Intelligent Grid Metrology (SMAGRIMET)*, 2020, pp. 61-65, doi: 10.23919/SMAGRIMET48809.2020.9264006.
2. E. Sivolenko, B. Hovhannisyan and A. Medvedev, "AM Signal Finding in the Environment Full of Micro Doppler Shifts Using Bispectral Analysis," *2019 IEEE International Conference on Electrical Engineering and Photonics (EExPolytech)*, 2019, pp. 117-119, doi: 10.1109/EExPolytech.2019.8906837.
3. Hakhoumian, A. A.; Zakaryan, T. V.; Sivolenko, E. R., "Pedestrian Caused Doppler Signal Detection by Bispectrum Processing in Ku-Band Coherent CW Radar." *Armenian Journal of Physics* . 2016, Vol. 9 Issue 2, p110-116.
4. Sivolenko, E. R. . (2016). Determination of Received Unknown Signal Modulation Type Using Higher Order Statistics or Spectral Correlation Method. *Mathematical Problems of Computer Science*, 45, 27–34. Retrieved from <http://mpcs.sci.am/index.php/mpcs/article/view/162>
5. Hakhoumian, A. A.; Sivolenko, E. R., "Pedestrian Micro-Doppler Signature Disclosure as a Carrier Suppressed Amplitude Modulated Signal Detection" *Armenian Journal of Physics*, 2015, Vol.8, Issue 4, p180-184
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7. Hakhoumian, A. A.; Zakaryan, T. V.; Sivolenko, E. R., Poghosyan N., Avagyan H., "Reduction of the Clutter in Non-Coherent LFM CW Radars", *Proceedings of the International Conference on "Microwave and THz Technologies and Wireless communication (IRPHE'2012)*, p. 90-95, October 16-17, 2012, Yerevan, Armenia