

# Serob Taron Muradyan

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## Research Institute of Physics

Laboratory of Solid State Physics

Researcher



## Education

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|--------------------|-----------------------------|
| <b>Institution</b> | RUSSIAN-ARMENIAN UNIVERSITY |
| <b>Faculty</b>     | Engineering and Technology  |
| <b>Date</b>        | 2008 - 2011                 |
| <b>Degree name</b> | PhD student                 |

|                    |             |
|--------------------|-------------|
| <b>Institution</b> | YSU         |
| <b>Faculty</b>     | Biology     |
| <b>Date</b>        | 2006 - 2008 |
| <b>Degree name</b> | Masters     |

|                    |             |
|--------------------|-------------|
| <b>Institution</b> | YSU         |
| <b>Faculty</b>     | Physics     |
| <b>Date</b>        | 2002 - 2006 |
| <b>Degree name</b> | Bachelor    |



## Scientific Rank/degree

|                    |                                            |
|--------------------|--------------------------------------------|
| <b>Institution</b> | National Polytechnic University of Armenia |
| <b>Date</b>        | 2016                                       |
| <b>Degree name</b> | Associate professor                        |
| <b>Specialty</b>   | Technical sciences                         |

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|------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Institution</b>           | YSU                                                                                                                  |
| <b>Date</b>                  | 2011                                                                                                                 |
| <b>Degree name</b>           | Candidate                                                                                                            |
| <b>Specialty</b>             | Physico-mathematical sciences                                                                                        |
| <b>Scientific Supervisor</b> | Samvel Gevorgyan, Stepan Petrosyan                                                                                   |
| <b>Research Topic</b>        | Microprobing of materials and structures by the use of flat-coil method and two-dimensional semiconductor structures |



## Language skills

Հայերեն English Русский

*Article*

**Introduction of New Temperature Dependences of Parameters in a Single-Diode Five-Parameter Model of Solar Panels**

Oleg H. Petrosyan, Serob T. Muradyan, Arpi T. Simonyan

2023 IEEE East-West Design and Test Symposium, EWDTS 2023 - Proceedings 2023 1-4

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*Article*

**On the Possibility of Application of SFCO Sensors for Investigation of Vibration and Acoustic Signals from Biological Objects**

A. S. Khachunts, S. G. Gevorgyan, I. G. Tadevosyan, E. G. Kostanyan, S. T. Muradyan, V. S. Gevorgyan, N. E. Tadevosyan, S. A. Khachunts

Journal of Contemporary Physics (Armenian Academy of Sciences) 2017 286-294

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*Manual*

**Տեսաձրող զոնդային մանրադիտում**

Ս.Տ. ՄՈՒՐԱԴՅԱՆ, Ֆ.Կ. ՎԱՐԴԱՆՅԱՆ, Ս.Գ. ԳԵՎՈՐԳՅԱՆ

2010 194

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