

# Serob Taron Muradyan

✉ smuradyan@ysu.am

R<sup>6</sup>

## Research Institute of Physics

Researcher

### Education

---

<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

---

<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

---

### Publications

---

*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

---

*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

---

*Manual*

**Տեսածրող զոնդային մանրադիտում**

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

2010 194

---