

## **AZERBAIJAN STATE AGRICULTURAL UNIVERSITY**

Name: Leyla

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Last name: Elman

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Faculty: Engineering

Department: Physics and mathematics



### **EDUCATION, SCIENTIFIC DEGREE AND SCIENTIFIC TITLE**

In 2008, she graduated from the Faculty of Physics of GSU (bachelor's degree);  
In 2010, she graduated from GSU's "Semiconductor Physics" specialty (master's degree);

### **LABOR ACTIVITY**

Since 2013, worked as a laboratory assistant on Department of Physics and Mathematics of ASAU;

Since 2020, assistant on Department of Physics and Mathematics of ASAU.

Since 2020, she has been teaching lectures and laboratory lessons on Physics.

She is the author of 5 scientific works, 4 conference materials, and 10 educational programs.

### **RESEARCH AREA**

Conducts scientific-research work on "Application of physics and mathematics to agricultural production";

### **PARTICIPATION IN INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES**

1. Investigation of natural and mechanical soil erosion on slopes. International Scientific Conference Part II, May 06-07, 2021.

2. Integration in the teaching of the physics course and its psychological-pedagogical foundations. GSU International Scientific Conference. Actual problems of modern natural and economic sciences, part V, May 05-06, 2023.

3. Mechanics and molecular physics in the 18th century. GSU International Scientific Conference. Actual problems of modern natural and economic sciences, part V, May 05-06, 2023.

4. DETERMINATION OF SPECIFIC RESISTANCE OF AN OBLIQUE SLICE (WEDGE) ON SEMICONDUCTOR WATER. COLLECTION OF SCIENTIFIC WORKS based on the results of the XIX International Scientific and Practical Conference (February 23, 2023, Kharkov)

### **SCIENTIFIC WORKS**

1. Study of electrical properties of AgSeS<sub>2</sub> and Ag<sub>2</sub>S compounds in the phase transition region. GSU scientific news 2019 №3

2. Stress-strain state and destruction of an elastic homogeneous round plate of variable thickness. General. Asian studies. 03 issue, 07 July 2022.

3. Program on the subject of physics at the bachelor's level of higher education. AR Ministry of Science and Education. Order №. A-549. Baku, 13.09.2022.

4. Program on the subject of the basics of physics at the bachelor's level of higher education. AR Ministry of Science and Education. Order №. A-549. Baku, 13.09.2022.

5. INVESTIGATION OF THE FEATURES OF THE DISTRIBUTION OF RESISTIVITY OVER THE THICKNESS OF A SILICON WAFER. International Scientific Journal ISJ Theoretical & Applied Science Philadelphia, USA issue 08, volume 124 published August 30, 2023 (impact factor)

6. APPLICATION OF CHARACTERISTICS OF RESISTIVITY DISTRIBUTION ALONG THE THICKNESS OF SILICON WATER. Scientific news of GSU №. 2, 2023

7. RESEARCH OF MECHANICAL DEGRADATION PROCESSES OF POLYPROPYLENE + NANOCCLAY COMPOSITES AFTER EXPOSURE TO EXTERNAL FACTORS. Baku, Azerbaijan 2023. Jomard Publishing. Published 03 October 2023. Vol 5. №3

### **LANGUAGE SKILLS**

English middle level

Russian middle level

Other languages