

# Ani Grigor Alaverdyan

✉ anialaverdyan@ysu.am

## Institute of Physics

Chair of Physical Process Modeling and Signal Processing

Assistant

## 🌐 Language skills

Հայերեն Русский English

## 📖 Publications

Article

### **Numerical Modeling of Thermodynamic Parameters for Hot Neutron Star Matter in Neutrino-Trapped Regime**

G.B. Alaverdyan, G.S. Hajyan, A.G. Alaverdyan

Physics of Particles and Nuclei 2025 1318-1322

Article

### **Isospin-Asymmetric Cold Nuclear Matter in the Relativistic Mean-Field Theory with a Scalar-Isovector Interaction Channel**

Alaverdyan G.B, Alaverdyan A.G.

Astrophysics 2024 215-230

Article

### **EFFECT OF NEUTRINO OSCILLATIONS ON THE THERMODYNAMIC PROPERTIES OF HOT QUARK MATTER**

G. B. Alaverdyan, G. S. Hajyan, A.G. Alaverdyan

Astrophysics 2023 127-139

Manual

### **Ծրագրավորման խնդիրների ժողովածու, մաս 1**

Ավալերդյան Անի, Հարությունյան Տարոն, Մելիքյան Շուշանիկ

2011 128

Conference

### **Mass-radius relation of white and strange stars**

VARTANYAN Yury, HAJYAN Gevorg, GRIGORYAN Alexander, ALAVERDYAN Ani, SHAHINYAN Hasmik

Conference

### **Strange quark matter in compact stars**

Yu.L.Vartanyan, G.S.Hajyan, G.B.Alaverdyan, A.K.Grigoryan, A.R.Harutyunyan, A.G.Alaverdyan,

H.A.Shahinyan

Conference

### **Numerical Modeling of Thermodynamic Parameters for Hot Neutron Star Matter in Neutrino-Trapped Regime**

