

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

