

Language skills

Հայերեն Русский

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

Electromagnetic Properties of Stellar Matter. I. Dielectric Permeability of a Hot Rarefied Plasma with Abundant Production of Electron-Positron Pairs [ЭЛЕКТРОМАГНИТНЫЕ СВОЙСТВА ЗВЕЗДНОГО ВЕЩЕСТВА. I. ДИЭЛЕКТРИЧЕСКАЯ ПРОНИЦАЕМОСТЬ ГОРЯЧЕЙ РАЗРЕЖЕННОЙ ПЛАЗ

G. S. Hajyan, A. S. Harutyunyan

Астрофизика (Astrophysics) 2024 178 - 191

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

Article

Properties of Hot Quark Matter with Neutrino Confinement in the NJL Model

G.B. Alaverdyan, G.S. Hajyan

Astrophysics 2022 126-136

Article

Reduction of the Mass of the Proto-Quark Star during Cooling

Gevorg Hajyan

Particles 2021 37-44

Article

Hot Quark Matter with Neutrino Confinement in Terms of the Local Nambu - Jona-Lasinio SU(3) Model

G.B.Alaverdyan, G.S.Hajyan

Astrophysics 2021 370-387

Article

Характеристики горячего кваркового вещества при удержании нейтрино

Г. С. Аджян

Астрофизика (Astrophysics) 2020 149-157

Article

Уравнение состояния горячего кваркового вещества при удержании нейтрино

Г. С. Аджян

Астрофизика (Astrophysics) 2018 585-598

Article

EG 50 белый или странный карлик?

Аджян Г.С., Вартанян Ю. Л.

Астрофизика (Astrophysics) 2017 605-615

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

Hot Quark Matter at Neutrino Confinement in the Framework of the local SU(3) Nambu - Jona-Lasinio Model

Grigor Alaverdyan, Gevorg Hajyan

Conference

Neutrino oscillations effects on the thermodynamic properties of hot electrically neutral quark matter in beta-equilibrium

Grigor Alaverdyan, Gevorg Hajyan

Conference

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

Grigor Alaverdyan, Gevorg Hajyan, Ani Alaverdyan

Conference

Electromagnetic Properties of Stellar Matter. The Transverse Dielectric Permeability of the Protoquark Star Matter.

Gevorg Hajyan, A. Harutyunyan
