

Language skills

Русский

Publications

Article

Effective potentials in general scalar-tensor theories of gravity

A. A. Saharian, G. H. Harutyunyan, H. K. Teryan, R. M. Avagyan

Astrophysics 2025 212-227

Article

Simple Extension of Kitaev Chain for Z3 Parafermions [Простое обобщение цепочки Китаева для Z3 парафермионов]

Hakobyan T.S., Varosyan R.H., Harutunyan G.H.

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2024 28-35

Article

Fermionic vacuum stresses in models with toroidal compact dimensions

A. A. Saharian, R. M. Avagyan, G. H. Harutyunyan, G. H. Nikoghosyan

Астрофизика (Astrophysics) 2024 231-245

Article

Plane symmetric gravitational fields in (D+1)-dimensional General Relativity

R.M. Avagyan, T.A. Petrosyan, A.A. Saharian, G.H. Harutyunyan

Астрофизика (Astrophysics) 2024 405 - 419

Article

Topological Casimir effect in models with helical compact dimensions

R. M. Avagyan, A. A. Saharian, D. H. Simonyan, G. H. Harutyunyan

Astrophysics 2024 520-536

Article

On the Kinetic Theory of Formation and Growth of Synthetic Diamond in the Region of Thermodynamic Stability in Diffusion and Diffusion-Less Approximation [К КИНЕТИЧЕСКОЙ ТЕОРИИ ОБРАЗОВАНИЯ И РОСТА СИНТЕТИЧЕСКОГО АЛМАЗА В ОБЛАСТИ ТЕРМОДИНАМИЧЕСКОЙ СТАБИЛЬНОСТИ]

A. N. Avagyan, A. V. Hovsepyan, G. G. Harutyunyan, M. S. Sakanyan

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2023 224-237

Article

Investigation of the Inflationary Process of the Theory of JBD

H.K. Teryan, A.S. Kotanjyan, G.H. Harutyunyan

Armenian Journal of Physics 2022 1 - 6

Article

Dynamics of a cosmological model with a conformally-coupled scalar field

R. M. Avagyan, G. H. Harutyunyan, A. S. Kotanjyan, A. V. Hovsepyan, A. A. Saharian

Astrophysics 2021 355-369

Article

ОБ УСКОРЕННОМ РАСШИРЕНИИ РАННЕЙ И ПОЗДНЕЙ ВСЕЛЕННОЙ В РАМКАХ СКАЛЯРНО-ТЕНЗОРНОЙ ТЕОРИИ ТЯГОТЕНИЯ. II

Р.М.Авакян, Г.Г.Арутюнян

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Article

Qualitative Analysis of Cosmological Models in $f(R)$ -Gravity

R. M. Avagyan, E. V. Chubaryan, G. H. Harutyunyan, A. A. Saharian

Communications of the Byurakan Astrophysical Observatory 2018 291-302

Article

Dynamics of the Quasi-de Sitter Model of the Early Universe

A.S. Kotanjyan, R.M. Avagyan, G.H. Harutyunyan, N.A. Saharyan

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Г.Г.Арутюнян, Р.М.Авакян, С.В.Сушков

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Кинетические и термодинамические аспекты ориентационного роста алмаза

А.Н. АВАКЯН, А.В. ОВСЕПЯН, Г.Г. АРУТЮНЯН

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Article

Conformal Representations of the General Scalar-Tensor Theory and Cosmological Models

E. V. Chubaryan, R. M. Avagyan, G. H. Harutyunyan, A. V. Hovsepyan, A. S. Kotanjyan

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Article

Qualitative evolution in $f(R)$ cosmologies

R.M. Avagyan, E.V.Chubaryan, G.H. Harutyunyan, A.A.Saharian

Article

Nucleation in High-Pressure Chamber as a Result of a Direct Graphite-to-Diamond Transition. Stochastic Approximation

A.N. Avagyan, G.H. Harutyunyan, A.V. Hovsepyan, M.S. Sakanyan

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Article

Representation of the evolution of the Universe in the JBD theory considering vacuum phenomena

G.H. Harutyunyan, R.M. Avagyan, A.S. Kotanjyan, A.V. Hovsepyan

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On a possible inflationary model of the early Universe

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Conference

Late stage of the Universe evolution taking into account the vacuum effects

KOTANJYAN Anna, Prof. AVAGYAN Roland, Prof. HARUTYUNYAN Gohar, Prof. SUSHKOV Sergey,

Prof. CHUBARYAN Edvard

Conference

Nucleation in pressure chamber as a result of a direct graphite-to-diamond transition. Stochastic approximation

G.H. Harutyunyan, R.M. Avagyan, A.N. Avagyan, A.V. Hovsepyan, M.S. Sakanyan

Conference

Об одном сценарии расширения ранней Вселенной

Р.М. Авагян, Н.А. Саарян, Г.Г. Арутюнян, А.С. Котанджян
