

Gohar Hrayry Harutyunyan

Research Institute of Physics

Laboratory of Theoretical Physics

Senior researcher

☎ 23-45
(060) 71-03-45

✉ hagochar@ysu.am

🌐 Language skills

Русский

📖 Publications

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

Астрофизика (Astrophysics) 2018 141-152

http://www.flib.sci.am/eng/Astrophysics/V61Iss1_2018.html

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

Physics of Atomic Nuclei 2018 894-898

Article

Об ускоренном расширении ранней и поздней Вселенной в рамках скалярно-тензорной теории тяготения.

Г.Г.Арутюнян, Р.М.Авагян, С.В.Сушков

Астрофизика (Astrophysics) 2017 159-168

<http://www.flib.sci.am/eng/Astrophysics/Frame.html>

Article

Кинетические и термодинамические аспекты ориентационного роста алмаза

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

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2017

321-330

<http://www.flib.sci.am/eng/Fizika/Frame.html>

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

Gravitation & Cosmology 2016 193-198

<http://pleiades.online/en/journal/gravcos>

Article

Qualitative evolution in f(R) cosmologies

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

General Relativity and Gravitation 2016 1-21

<http://link.springer.com/journal/10714>

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

Armenian Journal of Physics 2016 6-14

<http://ajp.asj-oa.am/>

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

Proceedings of Science 2016 019/1-8

<http://pos.sissa.it/POSwhat.html>

Article

On a possible inflationary model of the early Universe

R.M. Avagyan, G.H.Harutyunyan, S.V. Sushkov

Proceedings of the YSU. Physical and Mathematical Sciences 2016 11-14

<http://www.y-su.am/science/en/journals>

Article

SOME PROPERTIES OF STATIONARY GRAVITATIONAL FIELDS

R.M. Avagyan, G.H.Harutyunyan, S.V. Sushkov

Astrophysics 2015 397-405

<http://www.springer.com/astronomy/journal/10511>

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

