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## 🌐 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](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>

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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>

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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/>

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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

Proceedings of Science 2016 019/1-8

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

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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>

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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>

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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

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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

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Conference

**Об одном сценарии расширения ранней Вселенной**

