

# Արամ Ազատովիչ Սահարյան

## Научно-исследовательский институт физики

Տեսական Փիզիկայի լաբորատորիա

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## 🌐 Знание языков

Հայերեն Русский English

## 📖 Публикации

### Статья

#### **Observation of coherent Cherenkov radiation of electron bunches from a partially dielectric loaded waveguide**

L.Sh. Grigoryan, A.P. Potylitsyn, M.V. Shevelev, A.V. Vukolov, P.V. Karataev, S.B. Dabagov,

A.S. Vardanyan, A.S. Yeremyan, M.M. Sukiasyan, A.A. Saharian, V.R. Kocharyan, T.R. Muradyan,

M.L. Grigoryan, D.E. Baghdasaryan, V.Kh. Kotanjyan, A.V. Sargsyan, H.P. Harutyunyan, H.F. Khachatryan,

A.R. Mnatsakanyan, A.H. Mkrtchyan

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#### **Spectral-angular distribution of radiation generated by a train of electron bunches passing through the centre of a ball**

L. Sh. Grigoryan, A. H. Mkrtchyan, P. A. Aleksandrov, A. A. Saharian, W. Wagner, M. L. Grigoryan,

J. P. Markosyan, A. V. Sargsyan, A. V. Martirosyan, H. F. Khachatryan

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#### **Vacuum currents for a scalar field in models with compact dimensions**

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#### **Quasidiscrete spectrum Cherenkov radiation by a charge moving inside a dielectric waveguide**

A. A. Saharian, S. B. Dabagov, H. F. Khachatryan, L. Sh. Grigoryan

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### Образовательный Руководство

#### **Տեսական մեխանիկայի խնդիրների ժողովածու**

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**Статья****Cosmological Evolution With Negative Energy Densities**

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**Статья****Finite temperature charge and current densities around a cosmic string in AdS spacetime with compact dimension**

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#### **Fermionic vacuum currents in topologically nontrivial braneworlds: Two-brane geometry**

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#### **The Casimir effect for fermionic currents in conical rings with applications to graphene ribbons**

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#### **Electromagnetic Casimir densities for planar boundaries in AdS spacetime**

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А.С. КОТАНДЖЯН, А.А. СААРЯН, Д.А. СИМОНЯН

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**Quantum effects in anti-de Sitter spacetime for electromagnetic vacuum state**

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