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🌐 **Знание языков**

English Русский

📖 **Публикации**

Статья
Radiation of surface polaritons by an annular beam coaxially enclosing a cylindrical waveguide
A.A. Saharian, G.V. Chalyan, V.Kh. Kotanjyan, L.Sh. Grigoryan, H.F. Khachatryan

Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment
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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

Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment
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Статья
Electromagnetic vacuum stresses and energy fluxes induced by a cosmic string in de Sitter spacetime
A.A. Saharyan, V.F. Manukyan, V. Kh. Kotanjyan, A. A. Grigoryan
International Journal of Modern Physics D 2023 2350042

Статья
Fermionic condensate and the mean energy-momentum tensor in the Fulling-Rindler vacuum
S. Bellucci, V.Kh. Kotanjyan, A.A. Saharian
Physical Review D 2023 085014

Статья
Polarization of the Fulling-Rindler Vacuum in Models with Compact Dimensions
V. Kh. Kotanjyan
Armenian Journal of Physics 2023 83-90

Статья

On investigations of radiation processes in media under external influences conducted at the IAPP

L. Sh. Grigoryan, A. A. Saharian, M. L. Grigoryan, V. Kh. Kotanjyan, H. F. Khachatryan

Journal of Physics: Conference Series 2023 012012

Статья

Cosmological Evolution With Negative Energy Densities

A.A. SAHARIAN, R.M. AVAGYAN, E.R. BEZERRA DE MELLO, V.KH. KOTANJYAN, T.A. PETROSYAN,

H.G. BABUJYAN

Astrophysics 2022 427-440

Статья

Vacuum currents in partially compactified Rindler spacetime with an application to cylindrical black holes

V. Kh. Kotanjyan, A. A. Saharian, M. R. Setare

Nuclear Physics B 2022 115838

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Vacuum densities and the Casimir forces for branes orthogonal to the AdS boundary

S. Bellucci, A. A. Saharian, V. Kh. Kotanjyan

Physical Review D 2022 065021
