

Արամ Սահարյան

Ֆիզիկայի գիտահետազոտական ինստիտուտ
Տեսական ֆիզիկայի լաբորատորիա
Լաբորատորիայի վարիչ

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Լեզուների իմացություն

Հայերեն Russian English

Հրապարակումներ

Հոդված

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,
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Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment
2024 169177

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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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2024 168991

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Vacuum currents for a scalar field in models with compact dimensions

Aram A. Saharian
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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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ՈՒՍՈՒԱԿԱՆ ՃԵՌԱՐԿ

Տեսական մեխանիկայի խնդիրների ժողովածու
Ողևոնդ Ավագյան, Արամ Սահարյան, Տիգրան Պետրոսյան

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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

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Surface-polariton excitation and energy losses by a charged particle in cylindrical waveguides

A.A. Saharian, L.Sh. Grigoryan, A.S. Kotanjyan, H.F. Khachatryan

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Fermionic condensate and the mean energy-momentum tensor in the Fulling-Rindler vacuum

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A.A. Saharian, L. Sh. Grigoryan, H. F. Khachatryan, V. V. Parazian

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

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H.G. BABUJYAN

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Casimir Effect for Fermion Condensate in Conical Rings

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Vacuum fermionic currents in braneworld models on AdS bulk with a cosmic string

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Cherenkov radiation and emission of surface polaritons from charges moving paraxially outside a dielectric cylindrical waveguide

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Angular distribution of high power radiation from a charge rotating around a dielectric ball

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ИНДУЦИРОВАННАЯ ГРАНИЦЕЙ ПОЛЯРИЗАЦИЯ ВАКУУМА В ПРОСТРАНСТВЕ ДЕ СИТТЕРА С

КОМПАКТНЫМИ ИЗМЕРЕНИЯМИ

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

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А. С. Котанджян, А. А. Саарян, В. Х. Котанджян

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Electromagnetic Casimir densities for a cylindrical boundary in de Sitter spacetime

V. F. Manukyan, A. A. Saharian

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The Synchrotron Radiation of the Transversal Oscillator

A. Kotanjyan, A. Saharian

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On a possible interference of synchrotron and Smith-Purcell radiation

A.R. Mkrtvyan, B.V. Khachatryan, A.A. Saharian, A. S. Kotanjyan

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The study of undulator radiation of transversal oscillator

Anna Kotanjyan, Aram Saharian

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Synchrotron radiation from a relativistic charged particle rotating around a cylindrical diffraction grating

Anna Kotanjyan, A. Saharian, B. Khachatryan

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On the Features of Radiation from a Charge Rotating Around Dielectric and Conductive Ball

L.Sh. Grigoryan, A.A. Saharian, H.F. Khachatryan, M.L. Grigoryan, A.V. Sargsyan, T.A. Petrosyan
