



*Образовательный Руководство*

**Տեսական մեխանիկայի խնդիրների ժողովածու**

Ռոլանդ Ավագյան, Արամ Սահարյան, Տիգրան Պետրոսյան

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**Fermionic vacuum stresses in models with toroidal compact dimensions**

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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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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**

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

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**Surface Casimir densities on branes orthogonal to the boundary of anti-de Sitter spacetime**

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

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**Scalar Field Modes in de Sitter Spacetime with Negative Curvature Spatial Foliation**

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

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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

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