

# Vardazar Khoren Kotanjyan

✉ vardazar.qotandzhyan@ysu.am

## Research Institute of Physics

Laboratory of Theoretical Physics

Researcher

## Language skills

English Русский

## Publications

*Article*

### **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

*Article*

### **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

*Article*

### **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

*Article*

### **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

*Article*

### **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