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Հեռահաղորդակցության և ազդանշանների մշակման ամբիոն
Заведующий кафедрой, доцент

Знание языков

Simple English Русский

Публикации

Статья

Dielectric coated conductive rod resonantly coupled with a cut transmission line as a tunable microwave bandstop filter and sensor

David Hambaryan, Tigran Abrahamyan, Henrik Parsamyan, Artyom Movsisyan, Bill Minasyan, Hovhannes Haroyan, Arsen Babajanyan, Kiejin Lee, Barry Friedman, Khachatur Nerkararyan
Heliyon 2024 e24477

Статья

Tunable ultra-broadband terahertz metamaterial absorber based on vanadium dioxide strips

Lilit Gevorgyan, Hovhannes Haroyan, Henrik Parsamyan, Khachatur Nerkararyan
RSC Advances 2023 11948-11958

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Broadband tunable mid-infrared absorber based on conductive strip-like meta-atom elements

Henrik Parsamyan, Hovhannes Haroyan, Khachatur Nerkararyan
Materials Today Communications 2022 103692

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Electrically Small Microstrip Antenna Based on Magnetodielectric Materials

Hovhannes Haroyan, Arsen Hakhoumian, Ararat Stepanyan
Journal of Telecommunications and Information Technology 2022 98-102

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Resonant Interaction Between Microwaves and Thin Conducting Microstructure with Finite Length

T. Abrahamyan, H. Haroyan, D. Hambaryan, H. Parsamyan, K. Lee, A. Babajanyan, Kh. Nerkararyan
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Surface-standing-wave formation via resonance interaction of a finite-length conductive rod with microwaves

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Broadband Infrared Absorption Due to Low Q-factor Dipole Modes of Cr Strips

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Fano Resonance in Coupled Semicylindrical Microresonators

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Waveguide resonator with high quality factor excited through the subwavelength slit

Khachik Sahakyan, Hovhannes Haroyan, Kh. Nerkararyan

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Stopping power and the straggling parameter of a heavy charged particle moving through a homogeneous free-electron gas

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Д. А. Осипян, Г. Г. Матевосян, О. С. Ароян

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Широкодиапазонная диэлектрическая проницаемость столкновительной плазмы с произвольным зарядом ионов

М. Е. Вайсман, Н. Е. Андреев, Г. Г. Матевосян, О. С. Ароян

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Detection of CO₂ laser radiation in a ferrite

H. Haroyan, A. Makaryan, K. Movsisyan, Farokh Nazari, V. Tadevosyan, H. Julfayan

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High Gain Broadband Plasmonic Slot Nano-Antenna

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Hovhannes Haroyan

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Образовательный Руководство

«Կիճակագրական ռադիոֆիզիկա» լաբորատոր աշխատանքների ձեռնարկ

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Конференция

Whispering-Gallery Microresonator with a New Easy and Controllable Excitation Method

H. Parsamyan, H. Haroyan, Kh. Nerkararyan

Конференция

Slot Nano-Antenna Integrated with Plasmonic Waveguide

H. Haroyan

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Spectral Efficiency Improvement in Nonlinear Wireless Systems

H. Haroyan, T. Harytyunyan, S. Sargsyan, G. Harutyunyan

Конференция

Dielectric-Coated Conductive Rod Resonantly Coupled with a Cut Goubau Line as a Sensitive Microwave Sensor

Tigran Abrahamyan, Hovhannes Haroyan, David Hambaryan, Artyom Movsisy, Henrik Parsamyan,

Arsen Babajanyan, Khachatur Nerkararyan, Kiejin Lee
