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Publications

Article

Geometric resonance and dispersion relations
M.I. Ivanyan, B.A. Grigoryan, A.H. Grigoryan, L.V. Aslyan, A.S. Vardanyan, V.G. Khachatryan,

V. Sh Avagyan

Radiation Physics and Chemistry 2026 113684

https://doi.org/10.1016/j.radphyschem.2026.113684

Article

On equivalence of metal-dielectric and single-layer dielectric waveguides in the problems of accelerator physics
M.I. Ivanyan, B.A. Grigoryan, A.H. Grigoryan, L.V. Aslyan, A.S. Vardanyan, V.G. Khachatryan,

M.Z. Karalyan, V. Sh Avagyan

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Article

APPLICATION OF LOW-ENERGY, TUNABLE-DELAY ULTRASHORT ELECTRON BUNCH PAIRS FOR IRRADIATION EXPERIMENTS
A. Yeremyan, H. Davtyan, A. Grigoryan, B. Grigoryan, M. Ivanyan, V. Khachatryan, N. Martirosyan,

M. Sargsyan, M. Sukiasyan, A. Vardanyan

Journals of Accelerator Conferences Website 2023 4142-4145

Conference

THE INFLUENCE OF SOLENOID FIELD ON OFF-AXIS TRAVELLING BEAM IN AREAL ACCELERATOR
A.H. Grigoryan, H.D. Davtyan, A.H. Asoyan, G.A. Amatuni, M.G. Yazichyan

2022 422-424

https://www.ipac22.org/

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Absorbed Dose Characteristics for Irradiation Experiments at AREAL 5 MeV Electron Linac
A. Grigoryan, V. Khachatryan, Z. Amirkhanyan, H. Davtyan, B. Grigoryan, M. Ivanyan, V. Petrosyan,

A. Vardanyan, A. Yeremyan

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RADIATION OF A PARTICLE MOVING ALONG A HELICAL TRAJECTORY IN A RESISTIVE-WALL CYLINDRICAL WAVEGUIDE

A. Grigoryan, M. I. Ivanyan, B. Grigoryan, B. Sargsyan, K. Floettmann, F. Lemery

2022 2150-2153

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Conference

RADIATION OF A PARTICLE MOVING ALONG A HELICAL TRAJECTORY IN A SEMI-INFINITE CYLINDRICAL WAVEGUIDE

A. Grigoryan, M. I. Ivanyan, B. Grigoryan, V. Khachatryan, B. Sargsyan, K. Floettmann, F. Lemery

2022 2154-2157

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Article

Impedance and Wake of Two-Layer Metallic Flat Structure

A.Grigoryan, M.I. Ivanyan, S.Zakaryan, A.V.Tsakanian

Armenian Journal of Physics 2017 36-41
