

Научно-исследовательский институт физики

Պիստ մարմնի ֆիզիկայի լաբորատորիա

Старший научный сотрудник

Публикации

Статья

The Use of Biosilica to Increase the Compressive Strength of Cement Mortar: The Effect of the Mixing Method

Nelli G. Muradyan, Avetik A. Arzumanyan, Marine A. Kalantaryan, Yeghiazar V. Vardanyan,

Mkrtich Yeranosyan, Malgorzata Ulewicz, David Laroze, Manuk G. Barseghyan

MATERIALS 2023 5516

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Electronic and Magnetic Properties of Laser Dressed Quantum Dot and Ring with Rashba Spin-Orbit Coupling

Vram Mughnetsyan, Aram Manaselyan, Manuk Barseghyan, Albert Kirakosyan, Laura M. Perez,

David Laroze

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Статья

Effective tuning of isotropic and anisotropic properties of quantum dots and rings by external fields

Manuk G. Barseghyan, Aram Manaselyan, Albert A. Kirakosyan, Laura M. Perez, David Laroze

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Effect of the impurity on the Aharonov-Bohm oscillations and the intraband absorption in GaAs/ Ga_{1-x}Al_xAs quantum ring under intense THz laser field

M.G. Barseghyan, V.N. Mughnetsyan, L.M. Perez, A.A. Kirakosyan, D. Laroze

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Size or shape - What matters most at the nanoscale?

I. Popescu, M. Hristache, S.-S. Ciobanu, M.G. Barseghyan, J.A. Vinasco, A.L. Morales, A. Radu, C.A. Duque

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Modeling of anisotropic properties of double quantum rings by the terahertz laser field

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Energy levels and far-infrared optical absorption of impurity doped semiconductor nanorings: Intense laser and electric fields effects

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