



Research Papers

All-loop order critical exponents for massless scalar field theory with Lorentz violation in the BPHZ method

Paulo R. S. Carvalho

1550259

Effective Hamiltonian for a half-filled asymmetric ionic Hubbard chain with alternating on-site interaction

I. Grusha, M. Menteshashvili, G. I. Japaridze

1550260

Length scale of the dendritic microstructure affecting tensile properties of Al-(Ag)-(Cu) alloys

Roberto N. Duarte, Jonas D. Faria, Crystopher Brito, Nathalia C. Verissimo, Noé Cheung, Amauri Garcia

1550261

Quantum switch in coupled-resonator array: Controlling single-photon transport by the state of two-level system

Xiao-Ke Qin

1550262

Analytical calculation of electron group velocity surfaces in uniform strained graphene

Wilfrido A. Gómez-Arias, Gerardo G. Naumis

1550263

A new bus lane on urban expressway with no-bay bus stop

Zhao Tian, Limin Jia

1550264

The space-dependent model and output characteristics of intra-cavity pumped dual-wavelength lasers

Jin-Qi He, Yuan Dong, Feng-Dong Zhang, Yong-Ji Yu, Guang-Yong Jin, Li-Da Liu

1550265

Localization of electrons in internal frame

Urbashi Satpathi, Sumit Ghosh, Ashim Kumar Ray, Prosenjit Singha Deo

1550266

Transport coefficients and Nernst signal of type-II superconductors under magnetic field

Bui Duc Tinh, Nguyen Quang Hoc

1550267

Erratum

Erratum: “Thermodynamics of noninteracting bosonic gases in cubic optical lattices versus ideal homogeneous Bose gases”

Abdulla Rakhimov, Iman N. Askerzade

1592006