

MMCP2024

Thursday 24 October 2024

Numerical and analytical calculations in modern mathematical physics - S2 (14:00 - 15:30)

time	[id] title	presenter
14:00	[116] Numerical scheme for relativistic Boltzmann equation with spherical geometry	PRAKAPENIA, Mikalai
14:15	[117] Implementations of the finite element method for the collective model of atomic nuclei	GUSEV, Alexander
14:30	[118] A class of symmetric three-body periodic free-fall orbits	HRISTOV, Ivan
14:45	[119] A Fourier-modal approach to free-form simulations of diffractive optics	NIKOLAEV, Konstantin
15:00	[120] Asymptotic method for modeling electromagnetic wave propagation in irregular waveguides	STARIKOV, Danila
15:15	[121] Finite Difference Models of Dynamical Systems with Polynomial Right-Hand Side	MALYKH, Mikhail

Numerical and analytical calculations in modern mathematical physics - S2 (16:00 - 17:30)

time	[id] title	presenter
16:00	[122] PI-type fully symmetric quadrature rules on the 3-, . . . , 6-simplexes	CHULUUNBAATAR, Galmandakh
16:15	[123] Optimum Number of CUDA Streams for the GPU Implementation of the Tridiagonal Partition Method	VENEVA, Milena
16:30	[124] Quantum thermodynamics of single-particle systems from first principles	GEVORKYAN, Ashot
16:45	[125] The General Three-Body Problem in Conformal-Euclidean Space: Hidden Symmetries and New Properties of a Low-Dimensional System	MAREEV, Vladimir