The XXVI International Scientific Conference of Young Scientists and Specialists (AYSS-2022)

Monday, 24 October 2022

Mathematical Modeling and Computational Physics - R3 (407) (14:00 - 16:00)

time	[id] title	presenter
14:00	[978] Annular-Radial Dose Distributions.	EL-SHEIKH, Ahmed
14:15	[1026] ESTIMATION OF THE FRACTAL DIMENSIONS OF CLOUDS	SHAPOSHNIKOV, Albert
14:30	[1101] Long and short-range interactions, phase transitions and crossovers of dipolar spin ice on Cairo lattice	SHEVCHENKO, Yuriy
14:45	[1103] Methods for calculating integrals with a singularity of type $1/(x-c)$ as applied to the two-photon decay of a neutral pion at finite temperatures	GODERIDZE, Daviti
15:00	[1102] Control problems for nonlinear models of heat and mass transfer	SARITSKAIA, Zhanna
15:15	[1052] Monte Carlo Simulation of the Extraction System for Very Cold Neutrons Using a Nanodiamond Reflector	Dr NEZVANOV, A. Mr TEYMUROV, E.
15:30	[1043] Light-like path of anyon in magnetic field	NOSYREV, Oleg
15:45	[1079] Deep tracking for the SPD experiment	RUSOV, Daniil

Mathematical Modeling and Computational Physics - R3 (407) (16:20 - 17:35)

time	[id] title	presenter
16:20	[1127] Use case application of SU2 software package	DIMA, Maria
16:35	[1171] Parallel Simulation of the Magnetic Moment Reversal within the Josephson Junction Spintronic Model using MPI and OpenMP implementations	BASHASHIN, Maxim
16:50	[1129] Numerical simulation of the behavior of particles in hot and dense nuclear matter	PAPOYAN, Georgiy
17:05	[1173] Simulaltion of magnetization reversal in Phi-0 junction by the pulse of magnetic field	Mrs RAHMONOVA, Adiba