

## C O N T E N T S

Liudmyla BLAZHKO	
Invariance of the equations of electrodynamics under the conformal algebra .....	5
Yuliya VAKAL	
Estimation of quantity of perturbed subharmonics in the problem of plain motion of celestial body on elliptic orbit degree .....	21
Nataliya ICHANSKA	
$Q$ -conditional symmetry of the nonlinear (1+2)-dimensional reaction–diffusion equations .....	45
Inna KALCHUK, Ulyana GRABOVA	
Approximation of function from classes $W_{\beta, \infty}^r$ by threeharmonic integrals of Poisson .....	75
Ivan KONET	
Hyperbolic boundary value problems in unbounded cylindrical domains disyllabic .....	89
Volodymyr MASLYUCHENKO, Oksana MYRONYK	
Separately continuous functions and stratifiable spaces .....	111
Oleksandr MASLYUCHENKO	
The points of discontinuity of $K_h C$ -functions on subsets of the product .....	122
Ivan MATSAK, Anatolij PLICHKO	
Remarks on the Glivenko-Kantelli theorem in a separable metric space .....	133
Taras MEL'NYK, Dmytro SADOVYI	
Homogenization of quasilinear parabolic problems with alternating nonlinear Fourier and uniform Dirichlet boundary conditions in a thick two-level junction of type 3 : 2 : 2 .....	144
Sergii MYASIN, Volodymyr FEDORENKO, Yuliya FEDORENKO	
Types of cycles of compositions of continuous interval maps .....	171

Iryna NOVAK	
In addition to problem about the asymptotically correspondence between solutions of stochastic and ordinary equations .....	177
Andriy OLIYNYK	
Finite state quotients of free products of monogenic semigroups .....	188
Lyudmyla PROTSAK	
Singular boundary value problem on the half-line for a second order linear differential equation with regular singular point .....	205
Valeriy SAMOYLENKO, Tetyana TYSHCHUK	
Continuous solutions of $f(xy) \leq f(x)f(y)$ inequality with points of coupling .....	215
Yuliya SAMOYLENKO	
Asymptotic solutions to singular perturbed Korteweg-de Vries equation with variable coefficients (general case) .....	227
Petro SAMUSENKO	
Asymptotical integration of the singularly perturbed systems of elliptic partial differential equations with degeneration .....	243
Mikola SEROV, Tamara KARPALYUK	
The invariance of a system of convection-diffusion equations with respect to a generalized Galilean algebra in case of a three-dimensional vector field .....	267
Yuriy SYDORENKO, Olexandr CHVARTATSKYY	
Operators of transformations for the hyperbolic system of two equations .....	289
Saïd ABBAS, Mouffak BENCHOHRA and Lech GORNIEWICZ	
Fractional order impulsive partial hyperbolic functional differential equations with variable times and state-dependent delay .....	317
Viktor GERASIMENKO, Zhanna TSVIR	
Generalized quantum kinetic equation for interacting particles with quantum statistics .....	351

Andriy KONDRATYUK, Ostap STASHYSHYN Subharmonic functions on annuli. A two-parameter approach . . . .	368
Volodymyr LAGODA, Igor PARASYUK Existence of V-bounded solutions for nonautonomous nonlinear systems via the Ważewski topological principle . . . . .	382
Maryna GRAB, Valeriy SAMOYLENKO Activities of M.M.Bogoliubov on tutoring post graduate students in Kyiv University . . . . .	423
Olena KARLOVA, Oleksandr MASLYUCHENKO, Volodymyr MYKHAILYUK, Vasyl NESTERENKO, Mykhailo POPOV, Oleksandr SOBCHUK, Igor CHEREVKO (dedicated to the 60-th anniversary of Volodymyr Kyrylovych Maslyuchenko) . . . . .	455
Oleksiy Mykolayovych BOGOLYUBOV . . . . .	484
Letter to editors . . . . .	488
Contents on Language of the article's original . . . . .	489
Contents in English . . . . .	492