

З М І С Т

NORMENYO B. V., RIHANE S. E., TOGBE A. Fermat and Mersenne numbers in the k -Pell sequence	115
BHOI K., RAY P. K. Repdigits as difference of two Fibonacci or Lucas num- bers	124
PRATSIOVYTYI M. V., GONCHARENKO YA. V., LYSENKO I. M., RATUSH- NIAK S. P. Fractal functions of exponential type that is generated by the \mathbb{Q}_2^* -representation of argument.....	133
SHEREMETA M. M. Note to the behavior of the maximal term of Dirichlet series absolutely convergent in half-plane	144
NGUYEN T. H., VISHNYAKOVA A. On entire functions from the Laguerre- Pólya I class with non-monotonic second quotients of Taylor coefficients.....	149
DUDKIN M. E., DYUZHENKOVA O. Y. Singularly perturbed rank one linear operators.....	162
BAK S. M., KOVTONYUK G. M. Well-posedness of the Cauchy problem for system of oscillators on 2D-lattice in weighted l^2 -spaces.....	176
BARANETSKIY YA. O., DEMKIV I. I., KOPACH M. I., SOLOMKO A. V. Interpolation rational integral fraction of the Hermite type on a continual set of nodes	185
BABENKO V. F., PARFINOVYCH N. V., SKOROKHODOV D. S. Optimal recovery of operator sequences.....	193

К О Р О Т К І П О В І Д О М Л Е Н Н Я

SAVCHUK A. V. Point-wise estimates for the derivative of algebraic poly- nomials.....	208
PROTASOV I. V. On asyomorphisms of finitary coarse spaces.....	212

П Р О Б Л Е М И

RAVSKY A. V. A counterexample to Henry E. Dudeney's star puzzle.....	215
--	-----

Х Р О Н І К А

INTERNATIONAL CONFERENCE COMPLEX ANALYSIS AND RELATED TOPICS DEDICATED TO THE 90TH ANNIVERSARY OF A.A. GOL'DBERG	218
СТОРОЖ О. Г. (16.09.1949 – 7.11.2021)	220
АВТОРСЬКИЙ ВКАЗИВНИК, 2021	222

C O N T E N T S

NORMENYO B. V., RIHANE S. E., TOGBE A. Fermat and Mersenne numbers in the k -Pell sequence	115
BHOI K., RAY P. K. Repdigits as difference of two Fibonacci or Lucas num- bers	124
PRATSIOVYTYI M. V., GONCHARENKO YA. V., LYSENKO I. M., RATUSH- NIAK S. P. Fractal functions of exponential type that is generated by the \mathbb{Q}_2^* -representation of argument	133
SHEREMETA M. M. Note to the behavior of the maximal term of Dirichlet series absolutely convergent in half-plane	144
NGUYEN T. H., VISHNYAKOVA A. On entire functions from the Laguerre- Pólya I class with non-monotonic second quotients of Taylor coefficients.....	149
DUDKIN M. E., DYUZHENKOVA O. Y. Singularly perturbed rank one linear operators	162
BAK S. M., KOVTONYUK G. M. Well-posedness of the Cauchy problem for system of oscillators on 2D-lattice in weighted l^2 -spaces.....	176
BARANETSKIY YA. O., DEMKIV I. I., KOPACH M. I., SOLOMKO A. V. Interpolation rational integral fraction of the Hermite type on a continual set of nodes	185
BABENKO V. F., PARFINOVYCH N. V., SKOROKHODOV D. S. Optimal recovery of operator sequences	193

R E S E A R C H A N N O U N C E M E N T S

SAVCHUK A. V. Point-wise estimates for the derivative of algebraic polyno- mials	208
PROTASOV I. V. On asyomorphisms of finitary coarse spaces	212

P R O B L E M S E C T I O N

RAVSKY A. V. A counterexample to Henry E. Dudeney's star puzzle	215
---	-----

C H R O N I C L E

INTERNATIONAL CONFERENCE COMPLEX ANALYSIS AND RELATED TOPICS DEDICATED TO THE 90TH ANNIVERSARY OF A.A. GOL'DBERG	218
STOROZH O. G. (16.09.1949 – 7.11.2021).....	220
INDEX, 2021	222