

C O N T E N T S

<i>Andrienko, Y. A.</i> - On the Rate of Approximation of Functions by Multiple Orthogonal Series	9
<i>Angelos, J., M. Henry, E. Kaufman, Jr., T. Lenker</i> - Bounds for Extended Local Lipschitz Constants.	17
<i>Barrar, R. B., H. L. Loeb</i> - A Variational Approach to Monosplines.	27
<i>Baszenski, G., F.-J. Delvos</i> - A Variant of the Krylov - Lanczos Method for Bivariate Trigonometric Interpolation.	33
<i>Belyi, V. I.</i> - On Holder Continuity of the Riemann Mapping Function.	40
<i>Bernát, S.</i> - A Mean Value Theorem in Metric Spaces.	47
<i>Binev, P. G.</i> - Error Estimate for Box Spline Interpolation	50
<i>Blatt, H.-P., G. G. Lorentz</i> - On a theorem of Kadec	56
<i>Bracalova, M.</i> - On Asymptotic Behaviour of Some Conformal Strip Mappings.	65
<i>de Bruin, M. G.</i> - A Two-Point Padé Table and a Padé-2-Table.	72
<i>Ciesielski, Z.</i> - Local Spline Approximation and Nonparametric Density Estimation.	79
<i>Collatz, L., Qinghua Zheng</i> - Approximations of Singularities at Corners with Different Angles.	85
<i>Criscuolo, G., G. Mastroianni</i> - On the Approximation of the Derivatives of P.V. Integrals.	92
<i>Delvos, F.-J.</i> - Mean Approximation via Interpolation by Translation.	97
<i>Delvos, F.-J., H. Nienhaus</i> - Even Alternating Spline Quadrature Formulas	104
<i>DeVore, R. A., V. A. Popov</i> - Interpolation of Approximation Spaces.	110
<i>Donchev, T. D.</i> - Stability Results for a Class of Nonlinear Differential Inclusions in Banach Spaces	120
<i>Dontchev, A. L., E. M. Farkhi</i> - An Averaged Modulus of Continuity for Multivalued Maps and Its Applications to Differential Inclusions	127

<i>Dryanov, D.</i> - On a Gaussian Quadrature Formula for Entire Functions of Exponential Type	132
<i>Galeev, E. M.</i> - Approximation of Periodic Functions of One and Several Variables	138
<i>Gilewicz, J., B. Truong-Van</i> - Froissart Doublets in the Pade Approximation and Noise	145
<i>Gmelig Meyling, R. H. J.</i> - On Interpolation by Bivariate Quintic Splines of Class C^2	152
<i>Goetgheluck, P.</i> - On a Polynomial Inequality Connected with the Multivariate Markov Inequality	162
<i>Goodman, T. H. T., A. Sharma</i> - A Modified Bernstein - Schoenberg Operator	166
<i>Brochenig, K.</i> - Unconditional Bases in Translation and Dilation Invariant Function Spaces on R^n	174
<i>Grozev, G., R. Uluchev</i> - A Problem on Blaschke Products	184
<i>Guo, S. S., L. C. Hsu</i> - Some Inverse Theorems for a Certain Special Class of Operators.	190
<i>Burka, P., B. Opic</i> - A Note on n -Dimensional Hardy's Inequality.	194
<i>Heilmann, M.</i> - Commutativity of Operators from Baskakov - Durrmeyer Type	197
<i>Heinig, H. P., G. J. Sinnamon</i> - Integral Representations of Functions in Weighted Bergman Spaces	207
<i>Hermann, T.</i> - On the Derivatives of Positive Linear Operators	214
<i>Hristov, V. H., K. G. Ivanov</i> - Operators for Onesided Approximation of Functions	222
<i>Ignatov, Z. G., V. K. Kaishev</i> - Some Properties of Generalized B-Splines	233
<i>Jacobsen, L.</i> - Approximants for Functions Represented by Limit Periodic Continued Fractions	242
<i>Kilgore, T.</i> - Some Recent Results in Optimal Interpolation	251
<i>Kiryakova, V. S.</i> - Generalized Fractional Integral and Fractional Derivative Representations of Hypergeometric Functions ${}_pF_q$ for $p=q$ or $p=q+1$	260
<i>Kocic, L. M.</i> - Extended Shape Preserving Approximations	270
<i>Kon, M. A., A. G. Ramu, L. A. Raphael</i> - Applications of Operator Approximation to Fourier Analysis	276

<i>Kutzarova, D. N.</i> - On the Drop Property of Convex Sets in Banach Spaces.	283
<i>Lee, S. L., G. M. Phillips</i> - Interpolating Polynomials on the Triangle.	288
<i>Light, H. A.</i> - Some More Uniformly Convex Spaces	292
<i>Lorch, L., D. Russell</i> - On Some Contributions of Halász to the Turán Power-Sum Theory, II.	297
<i>Makovoz, Y.</i> - A Simple Proof of an Inequality in the Theory of n -Widths	305
<i>Mevissen, H., R. J. Nessel, E. van Hickeren</i> - On the Sharpness of Error Bounds for Compound Quadrature Rules in the Space of Riemann Integrable Functions	309
<i>Milovanovic, G. U., I. Z. Milovanovic</i> - An Extremal Problem for Polynomials with Nonnegative Coefficients. III	315
<i>Milovanovic, I. Z., G. U. Milovanovic</i> - An Extremal Problem for Algebraic Polynomials with a Prescribed Zero	322
<i>Müllenheim, G.</i> - Numerical Treatment of Two-Point Boundary Value Problems with Spline Functions	327
<i>Müller, M. H.</i> - Saturation of a New Method of Kantorovic Type Meyer-König and Zeller Operators	336
<i>Musielak, H.</i> - On Strong Euler Absolute - Summability a.e. of Orthonormal Series	343
<i>Musielak, J.</i> - On Generalized Orlicz Sequence Spaces of Fourier Coefficients for Trigonometric Gap Series. II	348
<i>Nikolova, L. J.</i> - On the Interpolation of Some Classes of Operators Acting in Families of Banach Spaces	352
<i>Opic, B., P. Burka</i> - On Imbeddings of Weighted Sobolev Spaces	360
<i>Persson, L. E.</i> - Some Elementary Inequalities in Connection with X^p -Spaces	367
<i>Pick, L.</i> - Two Weights Weak Type Inequality for the Maximal Function in $L(1 + \log^+ L)^k$	377
<i>Prestin, J.</i> - Trigonometric Approximation by Euler Means	382
<i>Quak, E.</i> - Error Estimates for the Numerical Solution of O.D.Es. by A-Methods Using the r -Modulus	390

<i>von Radziewski, K.</i> - Bivariate Hermite Spline Interpolation	399
<i>Rahman, Q. I., G. Schmeisser</i> - An Analogue of Turan's Quadrature Formula	405
<i>Runck, P. O., M. Auer, G. Dvorschak</i> - Best Constants for the Simultaneous Approximation of Periodic Functions by Trigonometric Polynomials	413
<i>Sharma, A., J. Szabados, R. S. Varga</i> - 2-Periodic Lacunary Trigonometric Interpolation: the $(O;M)$ Case	420
<i>Sommer, M., H. Strauss</i> - Descartes Systems in Haar Subspaces	428
<i>Sun Yongshen, Huan Daren, Fan Gensun</i> - Extremal Problems on Some Classes of Differentiable Functions	433
<i>Takev, M. D.</i> - A Theorem of Whitney Type in R^n	441
<i>Temlyakov, V. N.</i> - Best Bilinear Approximation and Connected Questions	448
<i>Totkov, G. A., M. S. Bazelkov</i> - On the Precision of the Polygonal Interpolation in H_{ω}^s ($s \geq 2$)	455
<i>Tsachev, T.</i> - Finite Dimensional Approximation for a Class of Optimal Control Problems for Systems Governed by Partial Differential Equations	460
<i>Urbanski, R.</i> - On Modular and Orlicz Space over a Field with Valuation	466
<i>Uelev, G. D., B. G. Gabdulhaev</i> - Best Approximations of Solutions of Singular Integral Equations of First Kind	471
<i>Halz, G.</i> - Numerical Computation of the Matrix Exponential	478
<i>Haszak, A.</i> - Sets of Approximable Elements in Double Sequence Spaces	482
<i>Xie-Chang Shen</i> - The Summation of Biorthogonal Expansion of Rational Functions in the Complex Plane	488
<i>Zheng Heixing</i> - On a Class of Approximation Operators over Local Fields	498