

Наукометрические показатели журналов

1. **Computational Mathematics and Mathematical Physics**, квартиль **Q2**, Scopus, SJR 0.51, SNIP 0.960.
2. **Journal of Mathematical Sciences (United States)**, квартиль **Q3**, Scopus, SJR 0.33, SNIP 0.602.
  - a. Dem'yanovich, Y.K., Gerasimov, I.V. Local Coarsening of Simplicial Subdivisions. *Цитировано 2 раза.*
  - b. Dem'yanovich, Y.K., Prozorova, E.V. Smoothness of Functions in Spaces of the Finite Element Method. *Цитировано 1 раз.*
  - c. Dem'yanovich, Y.K., Kovtunencko, E.S., Safonova, T.A. Existence and uniqueness of spaces of splines of maximal pseudosmoothness. *Цитировано 7 раз.*
3. **Applied Mathematics and Information Sciences**, квартиль **Q3**, Scopus, SJR 0.23, SNIP 0.636.
  - a. Burova, I.G., Doronina, A.G. On approximations by polynomial and nonpolynomial integro-differential splines. *Цитировано 8 раз.*
4. **International Journal of Mechanics**, квартиль **Q3**, Scopus, SJR 0.22, SNIP 0.509.
5. **St. Petersburg Mathematical Journal**, квартиль **Q3**, Scopus, SJR 0.33, SNIP 0.643.
6. **Lecture Notes in Electrical Engineering**, квартиль **Q3**, Scopus, SJR 0.14, SNIP 0.204.
  - a. Burova, I.G., Domnin, N.S. On the solution of the fredholm equation with the use of quadratic integro-differential splines. *Цитировано 1 раз.*
7. **WSEAS Transactions on Mathematics**, квартиль **Q3**, Scopus, SJR 0.23, SNIP 0.670.
  - a. Burova, I.G., Muzafarova, E.F. Narbutovskikh, I.I. Approximation by the third-order splines on uniform and non-uniform grids and image processing. *Цитировано 3 раза.*
  - b. Burova, I.G., Muzafarova, E.F. Interval estimation using integro-differential splines of the third order of approximation. *Цитировано 6 раз.*
  - c. Burova, I.G., Muzafarova, E.F., Zhilin, D.E. About adaptive grids construction. *Цитировано 3 раза.*
  - d. Burova, I.G., Kalnitskaia, M.A., Malevich, A.V. On the numerical solution of system of linear algebraic equations with positive definite symmetric ill-posed matrices. *Цитировано 1 раз.*
  - e. Burova, I.G., Domnin, N.S., Vezhlev, A.E., Lebedeva, A.V., Pakulina, A.N. On the solution of the Fredholm equation of the second kind. *Цитировано 4 раза.*
  - f. Burova, I.G., Rodnikova, O.V. Integro-differential polynomial and trigonometrical splines and quadrature formulae. *Цитировано 10 раз.*
  - g. Burova, I.G., Doronina, A.G., Miroshnichenko, I.D. A Comparison of Approximations with left, right and middle Integro-Differential Polynomial Splines of the Fifth Order. *Цитировано 5 раз.*
  - h. Dem'yanovich, Y.K. Smoothness and embedding of spaces in FEM. *Цитировано 2 раза*
  - i. Dem'yanovich, Yu.K., Miroshnichenko, I.D., Musafarova, E.F. On splines' smoothness. *Цитировано 4 раза.*
  - j. Dem'yanovich, Y.K., Belyakova, O.V., Le, B.T.N. Generalized smoothness of the Hermite type splines. *Цитировано 5 раз.*
8. **WSEAS Transactions on Applied and Theoretical Mechanics**, квартиль **Q3**, Scopus, SJR 0.21, SNIP 0.693.
  - a. Burova, I.G., Ivanova, E.G., Kostin, V.A., Doronina, A.G. Trigonometric splines of the third order of approximation and interval estimation. *Цитировано 5 раз.*
9. **Applied Mathematical Sciences**, квартиль **Q4**, Scopus, SJR 0.123, SNIP 0.556.
10. **International Journal of Mathematical Models and Methods in Applied Sciences**, квартиль **Q4**, Scopus, SJR 0.131, SNIP 0.665.

- a. Burova, I.G., Poluyanov, S.V. On approximations by polynomial and trigonometrical integro-differential splines. *Цитировано 9 раз.*
- 11. **International Journal of Circuits, Systems and Signal Processing**, квартиль **Q4**, Scopus, SJR 0.16, SNIP 0.484.
  - a. Burova, I.G. Continuous local splines of the fourth order of approximation and boundary value problem. *Цитировано 3 раза.*
  - b. Burova, I.G., Muzafarova, E.F. Approximations with polynomial, trigonometric, exponential splines of the third order and boundary value problem. *Цитировано 3 раза.*
  - c. Burova, I.G., Narbutovskikh, I.I., Muzafarova, E.F. Image processing and the spline approximation of the third and fifth order. *Цитировано 4 раза.*
  - d. Burova, I.G., Muzafarova, E.F., Narbutovskikh, I.I. Local splines of the second and third order, complex-valued splines and image processing. *Цитировано 5 раз.*
- 12. **WSEAS Transactions on Systems and Control**, квартиль **Q4**, Scopus, SJR 0.17, SNIP 0.558.
  - a. Burova, I.G., Ryabov, V.M., Kalnitskaia, M.A., Malevich, A.V. The interpolation method for calculating eigenvalues of matrices. *Цитировано 5 раз.*
- 13. **Far East Journal of Mathematical Sciences**, квартиль **Q4**, Scopus, SJR2019 0.13, SNIP 0.714.
  - a. Dem'yanovich, Y.K. On embedding and extended smoothness of spline spaces. *Цитировано 11 раз.*
- 14. **Vestnik St. Petersburg University: Mathematics**, квартиль **Q4**, Scopus, SJR 0.24, SNIP 0.653.
  - a. Dem'yanovich, Y.K., Makarov, A.A. Necessary and sufficient nonnegativity conditions for second-order coordinate trigonometric splines. *Цитировано 5 раз.*

#### Наукометрические показатели материалов конференций

1. AIP Conference Proceedings, Scopus, SJR 0.18, SNIP 0.314.
2. Proceedings 24th International Conference on Circuits, Systems, Communications and Computers, CSCC 2020, Scopus, SJR 0.13.
3. Proceedings - 2nd International Conference on Mathematics and Computers in Science and Engineering, MACISE 2020, Scopus, SJR 0.26.
4. CEUR Workshop Proceedings, 2556, pp. 108-111. Scopus, SJR 0.18, SNIP 0.345.
5. Proceedings - 2018 International Conference on Applied Mathematics and Computational Science, ICAMCS.NET 2018, Scopus, SJR 0.11.
  - a. Dem'yanovich, Y.K., Belyakova, O.V., Le, B.T.N. Uniqueness of Space of Hermite Type Splines. *Цитировано 2 раза.*
6. Proceedings - 2018 5th International Conference on Mathematics and Computers in Sciences and Industry, MCSI 2018, Scopus, SJR 0.11.