

BIBLIOGRAPHY

1. Aitken, A. On the factorization of polynomials by iterative methods. *Uspehi Matem. Nauk* **8** (1953), 71–86.
2. Berezin, I. S. and Židkov, N. P. Computing methods. Russian edition: Moscow, 1959. English translation by O. M. Blunn, Pergamon Press, 1965.
3. Collatz, L. Numerical treatment of differential equations. Russian edition: Moscow, 1953. German (2nd) edition: Springer-Verlag, 1955. English (3rd) edition: Springer-Verlag, 1960.
4. Dahlquist, G. Convergence and stability in the numerical integration of ordinary differential equations. *Mathematica Scandinavica* **4** (1956), 33–53.
5. Erugin, N. P. and Sobolev, S. L. Approximate integration of some oscillatory functions. *Prikladnaja matematika i mehanika* **14** (1950), 193–196. (Russian).
6. Faddeeva, V. N. Computational methods of linear algebra. Russian edition: Moscow, 1950. English translation by C. D. Benster, Dover Publications, 1959.
7. Gel'fond, A. O. The calculus of finite differences. Moscow, 1952. (Russian).
8. Hildebrand, F. B. Introduction to numerical analysis. McGraw-Hill Book Company, 1956.
9. Householder, A. S. Principles of numerical analysis. McGraw-Hill Book Company, 1953. Russian edition: Moscow, 1956.
10. Kantorovič, L. V. On Newton's method. *Trudy Mat. Inst. Im. V. A. Steklova* **28** (1949), 104–144. (Russian).
11. Kantorovič, L. V. The principle of majorants and Newton's method. *Dokl. Akad. Nauk SSSR* **76** (1951), 17–20. (Russian).
12. Kantorovič, L. V. Some further applications of Newton's method to functional equations. *Vestnik Leningrad. Gos. Univ. No. 7. ser. matem., meh. i astr.*, **2** (1957), 68–103. (Russian).
13. Kantorovič, L. V. and Akilov, G. P. Functional analysis in normed spaces. Russian edition: Moscow, 1959. English translation: Pergamon Press, 1964.
14. Kantorovič, L. V. and Krylov, V. I. Approximate methods of higher analysis. Russian edition: Moscow, 1949. English translation: Interscience Publishers, 1958.

15. Karmazina, L. N. and Kuročkina, L. V. Tables of interpolation coefficients. Press of the Academy of Sciences of the USSR, Moscow, 1956.
16. Krylov, A. N. Lectures on approximate computation. Moscow, 1950. (Russian).
17. Krylov, V. I. Numerical calculation of integrals of functions which are products of rapidly oscillating factors. Dokl. Akad. Nauk SSSR **108** (1956), 1014–1017. (Russian)
18. Krylov, V. I. Approximate calculation of integrals. Russian edition: Moscow, 1959. English translation by A. H. Stroud: Macmillan, 1962.
19. Krylov, V. I. Convergence and stability of numerical solutions of second-order differential equations. Dokl. Akad. Nauk BSSR **4** (1960), 187–189. (Russian).
20. Lin, Shih-nge. A method of successive approximations for evaluating the real and complex roots of cubic and higher-order equations. Journal of Mathematics and Physics **20** (1941), 231–242.
21. Lin, Shih-nge. A method for finding roots of algebraic equations. Journal of Mathematics and Physics **22** (1943), 60–77.
22. Lozinskii, S. M. Error estimates for the numerical integration of differential equations I. Izv. Vuzov, matematika **5** (6) (1958), 52–90. (Russian).
23. Markov, A. A. Differenzenrechnung. German edition: Leipzig, 1898. Russian edition: Odessa, 1910.
24. Segal, B. I. and Semendjaev, K. A. Five-place mathematical tables. Press of the Academy of Sciences of the USSR, Moscow, 1950. Translator's note: Any standard set of five-place tables, such as those published by the Chemical Rubber Publishing Company, Cleveland, Ohio, may be used in place of these.
25. Milne, W. E. Numerical calculus. Princeton University Press, 1949. Russian edition: Moscow, 1951.
26. Milne, W. E. Numerical solution of differential equations. John Wiley and Sons, 1953. Russian edition: Moscow, 1955.
27. Natanson, I. P. The constructive theory of functions. Moscow, 1949. (Russian).
28. Nikolaeva, M. V. On the approximate calculation of oscillatory integrals. Trudy Mat. Inst. im. V. A. Steklova **28** (1949), 26–32. (Russian).

29. Ostrowski, A. M. Über die Konvergenz und die Abrundungsfestigkeit des Newtonschen Verfahrens. *Matem. Sbornik* **2** (1937), 1073–1095.
30. Salzer, H. E. Tables for facilitating the use of Chebyshev's quadrature formula. *Journal of Mathematics and Physics* **26** (1947), 191–194.
31. Salzer, H. E., Zucker, R., and Capuano, R. Table of the zeros and weight factors of the first twenty Hermite polynomials. *Journal of Research of the National Bureau of Standards* **48** (1952), 111–116.
32. Subbotin, M. F. *A course in celestial mechanics*, vol. 2. Moscow, 1937. (Russian).
33. Zaguskin, V. L. *Handbook of numerical methods for the solution of equations*. Russian edition: Moscow, 1960. English translation by G. O. Harding, Pergamon Press, 1961.