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NEW BOOKS

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Abstract

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Analog and difference methods for solving external boundary-value problems. Collection of articles. Ed. by P. S. Mikazan. Riga, "Zvaigzne," 1965, 468 pp. with ill. (Riga Polytechnic Institute. Scientific Notes, vol. 12. Faculty of Automation and Computer Engineering. Issue 2).

Babakov I. M. Theory of Oscillations. Textbook for higher educational institutions. 2nd revised ed. Moscow, "Nauka," 1965, 559 pp. with drawings.

Ditkin V. A., Prudnikov A. P. Handbook of Operational Calculus. Moscow, "Vysshaya shkola," 1965, 466 pp.

Problems and Exercises on Linear Differential Equations with Elements of Operational Calculus. Methodological manual. Leningrad, 1965, 90 pp. with diagrams. (Ministry of Higher and Secondary Specialized Education of the RSFSR. Leningrad Institute of Precision Mechanics and Optics). On the title-page verso: compiled by E. M. Blazhnova, I. K. Kadtsikov, A. P. Tuzov, and others.

Kamke E. Handbook of Ordinary Differential Equations. Trans. from German. 3rd corrected ed. Moscow, "Nauka," 1965, 703 pp. with ill.

Krein M. G. Lectures on the Theory of Stability of Solutions of Differential Equations in Banach Space. (Edited and supplemented by Yu. L. Daletskii.) Kiev, 1964, 186 pp. (State Committee of the Council of Ministers of the Ukrainian SSR for the Coordination of Scientific Research Work. Institute of Technical Information of the Academy of Sciences of the Ukrainian SSR. Institute of Mathematics).

Krikunov Yu. M. Problems in Equations of Mathematical Physics and Integral Equations. For students of the evening and correspondence divisions of mechanics and mathematics faculties. Kazan, 1965, 142 pp. with drawings. (Kazan Order of the Red Banner of Labor State University named after V. I. Ulyanov-Lenin).

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Ochan Yu. S. Methods of Mathematical Physics. Textbook for physics and mathematics faculties of pedagogical institutes. Moscow, "Vysshaya shkola,"

1965, 383 pp. with drawings.

Petrovskii I. G. Lectures on the Theory of Integral Equations. (For state universities). 3rd corrected ed. Moscow, "Nauka," 1965, 127 pp.

Piskunov N. S. Differential and Integral Calculus. For higher educational institutions. 6th ed. Moscow, "Nauka," 1965, vol. 1, 548 pp. with drawings; vol. 2, 312 pp. with drawings.

Pontryagin L. S. Ordinary Differential Equations. Textbook for state universities. 2nd revised ed. Moscow, "Nauka," 1965, 331 pp. with ill.

Seminar on the Theory of Differential Equations with Deviating Argument. Moscow. Proceedings...Moscow, 1965. (Peoples' Friendship University named after Patrice Lumumba). Summaries of articles in English, vol. 3, 256 pp. with graphs.

Treves J. Lectures on Linear Partial Differential Equations with Constant Coefficients. Trans. from English by V. V. Grushin and B. P. Paneakh. Ed. by E. A. Gorin. Moscow, "Mir," 1965, 296 pp. (Library of the collection "Mathematics").

Tumashev G. G. and Nuzhin M. T. Inverse Boundary-Value Problems and Their Applications. 2nd revised and enlarged ed. Kazan, Kazan University Press, 1965, 333 pp. with ill.

Filippov A. F. Collection of Problems in Differential Equations. 2nd stereotype ed. Moscow, "Nauka," 1965, 100 pp. with ill.

Schwartz L. Mathematical Methods for the Physical Sciences. With the participation of D. Huet. Trans. from French. Foreword by F. Shirokov. Moscow, "Mir," 1965, 412 pp. with ill.

Khachuba G. P. The Generalized Stieltjes-Kontorovich Integral and Its Application to Certain Problems of Mathematical Physics. Monograph. Tbilisi, Georgian Polytechnic Institute, 1965, 118 pp.

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