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213.	Vainberg, D. V. Local stresses in a flat circular disc due to two concentrated forces.	1949	13	2	151-158
214.	Vallander, S. V. Equations of motion of a viscous gas.	1951	15	4	409-432
215.	Vantorin, V. D. On the torsion of an isotropic prism whose cross-section is bounded by the curve $y^2 = k^2x(1 - x)^2$.	1939	3	3	151-152
216.	Vasil'ev, V. A. On the shape of a ground water mound between drains on impermeable ground in the presence of infiltration.	1955	19	1	106-108
217.	Vasil'ev, V. V. On the solution of linear integro-differential equations with constant coefficients and a degenerate kernel.	1949	13	2	207-208
218.	Vasil'ev, V. V. Solution of linear generalized integro-differential equations.	1951	15	5	609-614
219.	Vasil'ev, O. F. On a forgotten paper by I. S. Gromeka.	1951	15	2	261-263
220.	Vekua, I. N. Integration of the equations of a spherical shell.	1945	9	5	368-388
221.	Vekua, I. N. On the theory of thin shallow elastic shells.	1948	12	1	69-74
222.	Vekua, I. N. and Rukhadze, A. K. Torsion and bending of a beam made of two elastic materials bounded by confocal ellipses under the action of a transverse force.	1933	1	2	167-178
223.	Vekua, I. N. Some basic problems of the theory of the thin spherical shells.	1947	11	5	499-516
224.	Vekua, I. N. On an integro-differential equation.	1945	9	2	143-150
225.					
226.	Vertgeim, B. A. and Ostroumov, G. A. On the appearance of optical non-homogeneities.	1955	19	1	109-112
227.	Vertgeim, B. A. On the conditions for the formation of convection in a binary mixture.	1955	19	6	745-750
228.	Herald of mechanics and applied mathematics.	1933	1	1	149
229.	Vetchinkin, V. A survey of the work of N. Zhukovskii and S. Chaplygin that has become the basis of wing theory.	1941	5	2	161-164

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230.	Vibration of vessels. Bibliography.	1933	1	1	149
231.	Vilenkin, N. Ia. On some nearly orthogonal systems of functions.	1952	16	3	382-384
232.	Vil'ner, M. A. Nomogram for the computation of the hyperbolic and circular tangents and cotangents of complex argument.	1940	4	1	145-152
233.	Vil'ner, I. A. On the nomography of systems of equations and analytical functions.	1940	4	2	105-116
234.	Vinogradov, R. E. The negative solution of the problem of stability of characteristic exponents of regular systems.	1953	17	6	645-650
235.	Vinogradov, Iu. P. and Kufarev, P. P. On a problem of filtration.	1948	12	2	181-198
236.	Vishik, M. I. See Barenblatt, G. I. and Vishik, M. I.				
237.	Vladimirov, A. N. The flooding of ships running over swells.	1946	10	1	75-92
238.	Vladimirov, V. S. An approximate solution of a boundary value problem for a second order differential equation.	1955	19	3	315-324
239.	Vlasov, V. Z. Membrane theory of thin shells described by a surface of revolution.	1947	11	4	397-408
240.	Vlasov, V. Z. Torsion, stability and vibration of thin-walled beams.	1939	3	1	3-30
241.	Vlasov, V. Z. On two representations of the equations of a spherical shell.	1947	11	5	521-526
242.	Vlasov, V. Z. Basic differential equations of the general theory of elastic shells.	1944	8	2	109-140
243.	Vlasov, V. Z. (review) Rabotnov, Iu. N. Strength of materials.	1952	16	1	123-125
244.	Vlasov, V. Z. Analysis of thin-walled prismatic shells.	1944	8	5	361-394
245.	Vlasov, V. Z. Structural mechanics of thin elastic plates.	1946	10	1	173-182
246.	Vlasov, V. Z. Compatibility equations in curvilinear coordinates.	1944	8	4	301-306
247.	Vlasov, I. O. Distribution of filtration rates in inclined strata under a forced flow field.	1951	15	1	117-119
248.	Voznesenskii, I. N. Efficiency factor of water turbines as determined by the equations of hydrodynamics.	1931	2		72-91
249.	Voznesenskii, Ivan Nikolaevich. Obituary notice.	1946	10	5-6	537-540
250.	Voznesenskii, I. N. On the principles and schemes of automatic control.	1942	6	1	101-110
251.	Voznesenskii, I. N. List of scientific works. (18 titles.)	1946	10	5-6	540
252.	Voznesenskii, I. N. Equations of hydrodynamics and the design of water turbines.	1929	1		75-87
252a.	Voit, S. S. Waves on the surface of a liquid caused by a periodically varying system of pressures.	1957	21	1	21-26
253.	—				
254.	Voit, S. S. Reflection and refraction of spherical acoustic waves when passing from a stationary to a moving medium.	1953	17	2	157-164
255.	Voit, S. S. Wave propagation from a sounding disc in a moving medium.	1952	16	6	699-705
256.	Volk, I. M. Some generalizations of the method of small parameters in the theory of periodic motions of non-autonomous systems.	1947	11	4	433-441
257.	Volk, I. M. On periodic solutions of autonomous systems.	1948	12	1	29-38

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258.	Volk, I. M. On periodic solutions of non-autonomous systems depending on a small parameter.	1946	10	5-6	559-574
259.	Volk, I. M. On a sufficient condition for stability of motion in the critical case of two roots having zero real parts.	1949	13	4	459-462
260.	Volk, I. M. On elastic vibrations with damping proportional to velocity raised to an arbitrary power.	1946	10	1	125-134
261.	Volk, I. M. On the stability of periodic motions in the case when the equations and their periodic solutions are known only approximately.	1948	12	5	647-650
262.	Volkov, D. M. and Nazarov, A. A. The plane problem of the theory of elasticity in the case of the simply and the doubly connected regions.	1933	1	2	209-227
263.	Volkov, P. M. See Zhykovskii, V. S. and Volkov, P. M.				
264.	Vorovich, I. I. On some direct methods in the nonlinear theory of shallow shells.	1956	20	4	449-474
264a.	Vorovich, I. I. and Iudovich, V. I. Impact of a circular disc on a liquid of finite depth.	1957	21	4	525-532
265.	Voronovskaia, E. V. On a modification of the method of Chaplygin for first order equations.	1955	19	1	121-126
266.	Voshchinin, A. P. Analysis of homogeneous earth dams constructed on an impervious base.	1948	12	6	777-784
267.	The All-Union conference of the Academy of Sciences of the USSR on structural mechanics.	1940	4	1	155-157
268.	Gagut, A. F. Approximate method of flutter analysis of an airplane wing.	1942	6	2-3	115-122
269.	(Galerkin, B. G.) Bibliography on the method of academician Galerkin (39 titles).	1941	5	3	357-358
270.	(Galerkin, B.G.) On his seventieth birth anniversary and the forty-fifth anniversary of his scientific activity.	1941	5	3	331-341
271.	Galerkin, B. G. Obituary notice.	1945	9	4	265-268
272.	Galerkin, B. G. On the stability of a cylindrical shell.	1943	7	1	49-56
273.	Galerkin, B. G. General solution of equations of the theory of elasticity for an isotropic body and some applications of this solution to particular cases.	1931	2	3	3-13
274.	Galerkin, B. G. Equilibrium of an elastic spherical shell.	1942	6	6	487-496
275.	(Galerkin, B. G.) List of scientific publications of academician B. G. Galerkin (70 titles).				
276.	Galerkin, B. G. Stability of a supported pipe filled with water.	1943	7	5	325-330
277.	Galimov, K. Z. On the general theory of plates and shells with finite displacements and deformations.	1951	15	6	723-749
278.	Galin, G. Ia. On the conditions on the surfaces of strong discontinuities in elastic and plastic bodies.	1955	19	3	368-370
279.	Galin, L. A. The analogy for the plane elastic-plastic problem.	1948	12	6	761-764
280.	Galin, L. A. The indentation of a punch taking into account friction and adhesion.	1945	9	5	413-424
281.	Galin, L. A. (review) Gorbunov-Posadov, M. I. Beams and plates on elastic foundation. Published by the Ministry of Structural Enterprises in Machine Construction, 1949, 288 pp.	1949	13	6	666-669
282.	Galin, L. A. (review) Kachanov, L. M. Mechanics of plastic media.	1949	13	1	120

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283.	Galin, L. A. (review) Kil'chevskii, N. A. Theory of impact of rigid bodies.	1949	13	3	335-336
284.	Galin, L. A. The wing of rectangular planform in supersonic flow.	1947	11	4	465-474
285.	Galin, L. A. (review) Muskhelishvili, N. I. Some basic problems in the theory of elasticity.	1951	15	2	263-264
286.	Galin, L. A. Some problems of unsteady motion of ground water.	1951	15	6	654-678
287.	Galin, L. A. On the Zimmermann-Winkler hypothesis for beams.	1943	7	4	293-300
288.	Galin, L. A. On the pressure of a rigid body upon a plate.	1948	12	2	345-348
289.	Galin, L. A. On the pressure of a punch of elliptic shape upon the elastic half-space.	1947	11	2	281-284
290.	Galin, L. A. On a wing of finite span in supersonic flow.	1947	11	3	383-386
291.	Galin, L. A. On unsteady filtration under constant pressure on the boundary.	1951	15	1	111-116
292.	Galin, L. A. On the existence of the solution of the elastic-plastic problem of torsion of prismatic bars.	1949	13	6	650-654
293.	Galin, L. A. Determination of the differential equation of an instrument on the basis of experimentation with forced vibrations.	1946	10	1	93-100
294.	Galin, L. A. Determination of displacements in three-dimensional contact problems of the theory of elasticity.	1948	12	3	241-250
295.	Galin, L. A. and Shapiro, G. S. (review) Pavlov, A. P. The plane problem in the theory of elasticity of wood. Collection of the Leningrad Institute of Railroad Transportation Engineers, no. 136. Theoretical, Transzheldorizdat, 1947.	1949	13	2	222-223
296.	Galin, L. A. The plane elastic-plastic problem. Plastic regions near circular holes in plates and beams.	1946	10	3	367-386
297.	Galin, L. A. Three-dimensional contact problems in the theory of elasticity for punches of circular planform.	1947	10	4	425-448
298.	Galin, L. A. Solution of boundary value problems of the theory of elasticity by the method of pointwise interpolation.	1939	3	4	163-172
299.	Galin, L. A. Impact on a rigid body floating on the surface of a compressible liquid.	1947	11	5	547-550
300.	Galin, L. A. Elastic-plastic torsion of prismatic bars of polygonal cross-section.	1944	8	4	307-322
301.	Galin, L. A. Elastic-plastic torsion of prismatic bars.	1949	13	3	285-296
302.	Galin, L. A. (review) Florin, V. A. Design of foundations for hydraulic structures.	1949	13	3	332-334
303.	Galin, L. A. (review) Shtaerman, I. Ia. The contact problem of the theory of elasticity.	1949	13	6	665-666
304.	Galin, M. P. On transverse vibrations of plates.	1947	11	3	387-388
305.	Galkin, V. S. On a solution of the critical Boltzmann equation.	1956	20	3	445-446
306.	Galkin, M. S. On the solution of the Cauchy problem for one equation.	1956	20	2	271-278
307.	Gandin, L. S. On the convergence of the Shvets method.	1950	14	4	441-443

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308.	Gandin, L. S. and Soloveichik, R. E. On a modification of the approximate method of M. E. Shvets.	1956	20	2	295-296
309.	Gandin, L. S. and Soloveichik, R. E. Application of the M. E. Shvets method to the problem of the laminar boundary layer near a straight wall.	1956	20	5	663-665
310.	Gantmakher, F. R. and Krein, M. G. On the paper by P. F. Papkovich 'On a form of fundamental differential equations of small oscillations of a system without gyroscopic terms.'	1936	3	1	159-161
311.	Gantmakher, F. R. and Levin, L. M. On equations of motion of a rocket.	1947	11	3	301-312
312.	Gantmakher, F. R. See Aizerman, M. A. and Gantmakher, F. R.				
313.	Gafanovich, M. D. A wing of constant chord in a wind tunnel of rectangular cross-section with free lateral boundaries.	1940	4	4	89-96
314.	Genki, (Hencky), G. K. The development and the present state of the theory of plasticity.	1940	4	3	31-36
315.	Gerasimov, A. N. On the problem of small oscillations of visco-elastic membranes.	1939	2	4	467-486
316.	Gerasimov, A. N. Generalization of the linear laws of deformation and their application to problems of internal friction.	1948	12	3	251-260
317.	Gerasimov, A. N. Fundamentals of the theory of deformations of visco-elastic bodies.	1938	2	3	379-388
318.	Gerasimov, A. N. Letter to the editor.	1938	2	1	137
319.	Gerasimov, A. N. The problem of elastic after-effect and internal friction.	1938	1	4	493-536
319a.	Germaidze, V. E. On asymptotic stability to the first approximation.	1957	21	1	133-135
319b.	Germaidze, V. E. On stability with constantly acting disturbances.	1957	21	6	769-774
320.	Geronimus, Ia. L. The action of an impact on a free rigid body.	1950	14	3	245-252
321.	Geronimus, Ia. L. On the mass of a body reduced to the line of impact.	1953	17	5	631-633
322.	Geronimus, Ia. L. On the application of the method of replacing points in the dynamics of plane motion.	1939	2	4	493-498
323.	Gershgorin, S. A. Vibrations of plates loaded by concentrated masses.	1933	1	1	25-37
324.	Gershgorin, S. A. On the influence of additional masses on the vibrations of a material system.	1933	1	1	13-24
325.	Gershgorin, S. A. Obituary notice.	1933	1	1	3
326.	Gershgorin, S. A. On the mechanical construction of airplane wing profiles of the von Mises type.	1929	1		22-40
327.	Gershgorin, S. A. On the bending of plates by loads distributed over the area of a circle.	1933	1	2	159-166
328.	Gershgorin, S. A. (review) Timoshenko, S. P. Theory of vibrations in engineering.	1933	1	2	326
329.	Hydromechanics of a viscous fluid. Bibliography (87 titles).	1934	2	1	140-142
330.	Hydromechanics of a viscous fluid. Bibliography.	1935	2	2	302-303
331.	Ginzburg, I. P. On the problem of velocity profiles distribution in uniform motion. (Some remarks on the theory of uniform turbulent flow.)	1938	1	3	395-410
332.	Ginzburg, I. P. On the propagation of plane and spherical blast waves.	1939	3	4	117-134

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333.	Girs, I. V. and Sretenskii, L. N. The influence of a change in the overall dimensions of a ship on her wave drag.	1946	10	1	21-32
334.	Glagolev, N. I. On the applicability of Hooke's law to the analysis of rubber components.	1940	4	5-6	123-127
335.	Glagolev, N. I. The determination of stresses in the compression of systems of rigid profiles.	1943	7	5	383-388
336.	Glagolev, N. I. The resistance to overturning of cylindrical bodies.	1945	9	4	318-333
337.	Golubev, V. V. On the theory of a wing of small aspect ratio.	1955	19	2	143-158
338.	Golubev, Vladimir Vasil'evich. Obituary notice.	1955	19	2	129-131
339.	(Golubev, V. V.) Review of the scientific publications by V. V. Golubev.	1955	19	2	131-140
340.	Golubev, V. V. Papers by S. V. Kovalevska on the motion of a rigid body about a fixed point.	1950	14	3	236-244
341.	(Golubev, V. V.) List of scientific publications by V. V. Golubev (93 titles).	1955	19	2	140-142
342.	Golubeva, O. V. Some problems of laminar filtration of a liquid in non-homogeneous inclined layers of variable thickness.	1953	17	4	485-490
343.	Golubeva, O. V. Equations of two-dimensional motions of an ideal liquid along a curved surface and their application to the theory of filtration.	1950	14	3	287-294
343a.	Golubenkov, V. N. Thermal convection in a rotating circular pipe with a constant temperature gradient.	1957	21	3	439-440
344.	Gol'denblat, I. V. On the equilibrium equations for the plastic medium.	1949	13	1	113-114
345.	Gol'denveizer, A. L. The membrane theory of shells described by second order surfaces.	1947	11	2	285-290
346.	Gol'denveizer, A. L. Analysis of the state of stress in a spherical shell.	1944	8	6	441-467
347.	Gol'denveizer, A. L. On the question of analyzing shells for concentrated loads.	1954	18	2	181-186
348.	Gol'denveizer, A. L. Qualitative study of the state of stress in a thin shell.	1945	9	6	463-478
349.	Gol'denveizer, A. L. Some examples of integration of the equations of the theory of thin shells.	1946	10	3	387-396
350.	Gol'denveizer, A. L. (review) Novozhilov, V. V. Theory of thin shells. Leningrad, Naval Academy of Ship Construction and Armament in the Name of A. N. Krylov, 1947, 304 pp.	1949	13	1	117-119
351.	Gol'denveizer, A. L. and Lur'e, A. I. On the mathematical theory of the equilibrium of elastic shells. (Review of works published in the USSR). (48 titles).	1947	11	5	565-592
352.	Gol'denveizer, A. L. On approximate methods of analyzing thin shells having zero Gaussian curvature.	1947	11	4	409-422
353.	Gol'denveizer, A. L. On the applicability of general theorems of the theory of elasticity to thin shells.	1944	8	1	3-14
354.	Gol'denveizer, A. L. On the application of the solutions of the Riemann-Hilbert problem to the study of shells by the membrane theory.	1951	15	2	149-166
355.	Gol'denveizer, A. L. On the theory of thin-walled beams.	1949	13	6	561-596
355a.	Gol'denveizer, A. L. Equations on displacements and stress functions in the theory of shells.	1957	21	6	801-814

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356.	Gol'denveizer, A. L. Equations of the theory of thin shells.	1940	4	2	35-42
357.	Gol'denveizer, A. L. A refinement of the theory of the edge effect.	1956	20	3	335-348
358.	Gol'din, A. M. On a criterion of Liapunov's.	1951	15	3	379-381
359.	Gorbunov, B. N. Analysis of three-dimensional frameworks made of thin-walled beams.	1943	7	1	65-70
360.	Gorbunov-Posadov, M. I. Study of beams and plates on the elastic half-space.	1940	4	3	61-80
361.	Gordov, A. N. The temperature of an infinite cylinder in a flow having a pulsating velocity and temperature.	1955	19	2	240-243
362.	Goroshchenko, L. B. On the problem of analyzing the motion of a gas in a local supersonic zone without a discontinuity.	1953	17	4	423-430
363.	Gremiachenskii, A. P. The generalization of the Liapunov theorem.	1948	12	5	667-668
364.	Grib, A. A. The influence of the place of initiation on the parameters of an air shock wave after the detonation of explosive gas mixtures.	1944	8	4	273-286
365.	Grib, A. A. On the propagation of a plane shock wave after a simple explosion near a solid wall.	1944	8	3	169-186
366.	Gribb, A. A., Riabinin, A. G. and Khristianovich, S. A. On the reflection of a plane shock wave in water from the free surface.	1956	20	4	532-544
367.	Grigoliuk, E. I. On the vibrations of a shallow circular cylindrical panel taking into account finite deflections.	1955	19	3	376-382
368.	Grigoliuk, E. I. Approximate solution of the problem on the stability of a ring undergoing torsion.	1950	14	1	99-101
368a.	Grigoliuk, E. I. Purely plastic instability of thin shells.	1957	21	6	846-849
369.	Grigor'ev, A. S. On bending of a circular plate beyond the elastic limit.	1952	16	1	111-115
370.	Grigor'ev, A. S. (review) Rubinin, M. V. Manual for practical exercises in strength of materials, no. I., 1949, 287 pp., no. II, 1950, 264 pp., Mashgiz.	1952	16	1	125-126
371.	Grigorian, D. M. Normal impact upon an infinite thin membrane.	1949	13	3	277-284
372.	Grigorian, S. S. On the statement of dynamic problems for ideal plastic media.	1955	19	6	725-733
372a.	Grigorian, S. S. On axisymmetric motions of a cohesionless granular medium.	1957	21	2	221-230
372b.	Grigor'ev, A. S. The state of stress in cylindrical shells according to the membrane theory with large deformations.	1957	81	6	827-832
373.	Grinberg, G. A., Lebedev, N. N. and Ufliand, Ia. S. A method of solving the general biharmonic problem for a rectangular region, given on the contour the values of the function and its normal derivative.	1053	17	1	73-86
374.	Grinberg, G. A. Some approximate formulae for elliptic integrals of the first and second kind.	1933	1	1	61-69
375.	Grinberg, G. A. On the method proposed by P. F. Papkovich for the solution of the plane problem of the theory of elasticity for a rectangular region and the problem of bending of a thin rectangular plate with two edges built-in, and on some of its generalizations.	1953	17	2	211-228

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376.	Grinberg, G. A. and Ufliand, Ia. S. On the bending of a rectangular plate with a built-in contour under the action of an arbitrary loading.	1949	13	4	413-434
377.	Grodzovskii, G. L. Solution of axisymmetric problems of free turbulence by the theory of turbulent diffusion.	1950	14	4	437-440
378.	Grodzovskii, G. L. Flow of a viscous gas between two moving parallel plane walls and between two rotating cylinders.	1955	19	1	99-102
379.	Grodko, L. N. Forced flexural vibrations of a simply supported bar in the presence of linear damping.	1953	17	5	607-610
380.	Gromeka, I. S. Ippolit Stepanovich Gromeka. On the hundredth birth anniversary.	1951	15	4	393-395
381.	Gromeka, I. S. Scientific works of I. S. Gromeka.	1951	15	4	396-407
382.	Gromeka, I. S. List of publications of I. S. Gromeka. Bibliography (15 titles).	1951	15	4	408
382a.	Gubenko, V. S. Some contact problems of the theory of elasticity and fractional differentiation.	1957	21	2	279-280
383.	Gulkanian, N. O. See Arutiunian, N. Kh. and Gulkanian, N. O.				
383a.	Gurevich, M. I. and Khaskind, M. D. A note on the linearization of the equations of gas dynamics.	1957	21	3	437-438
384.	Gurevich, M. I. Remarks on the flow around a delta wing in supersonic flow.	1947	11	2	297-300
385.	Gurevich, M. I. On the problem of a thin delta wing moving with supersonic speed.	1947	11	3	395-396
386.	Gurevich, M. I. On the lift of an arrowshaped wing in supersonic flow.	1946	10	5	513-520
387.	Gurevich, M. I. Flow around an axisymmetric half-body of finite drag.	1947	11	1	97-104
388.	Gurevich, M. I. Induced mass of a cascade consisting of rectangles.	1940	4	2	93-100
389.	Gurevich, M. I. and Khaskind, M. D. Streamline flow around a contour performing small oscillations.	1953	17	5	599-603
390.	Gurevich, M. I. The impact of a plate in a flow with separation.	1952	16	1	116-118
391.	Gurevich, M. I. Impact of a flat plate upon a fluid filling a channel having the form of a half-cylinder.	1939	3	2	3-12
392.	Gurin, A. I. Dynamic stability of a flexible shaft with an attached disc.	1943	7	4	310-315
393.	Gusarova, R. S. On the boundedness of the solutions of a linear differential equation with periodic coefficients.	1949	13	3	241-246
394.	Gusarova, R. S. On the boundedness of the solutions of a linear differential equation with periodic coefficients.	1950	14	3	313-314
395.	Guseinov, A. I. On a problem of potential theory.	1948	12	1	103-108
395a.	Gutman, L. N. On laminar thermal convection above a stationary heat source.	1949	13	4	435-444
396.	Gutman, L. N. On thermal disturbances in a horizontal air flow.	1950	14	3	277-286
397.	Gukhman, A. A., Zhukovskii, V. S. and Tarasova, V. N. On the problem of limits of selfsimilarity in gas dynamic phenomena.	1934	2	1	109-126
398.	Davidenkov, N. N. On the anlaysis of curved beams.	1933	1	2	310-313
399.	Danilovskaia, V. M. On a dynamic problem of thermoelasticity.	1952	16	3	341-344

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400.	Danilovskaia, V. I. Thermal stresses in an elastic half-space due to a sudden heating of its boundary.	1950	14	3	316-318
401.	Darevskii, V. M. On the theory of cylindrical shells.	1951	15	5	531-562
402.	Darevskii, V. M. Solution of some problems of the theory of the cylindrical shell.	1952	16	2	158-194
403.	Darevskii, V. M. The Gibbs phenomenon for the dynamic effect.	1943	7	1	71-73
404.	Devison, B. B. Seiche type oscillations in reservoirs of irregular shape.	1938	2	1	9-54
405.	Deineko, K. S. and Leonov, M. Ia. Dynamic method of studying the stability of a compressed column.	1955	19	6	738-744
406.	Delone, N. B. A simple method for the pointwise construction of a parabola.	1929	1		88-89
407.	Dem'ianov, Iu. A. Selfsimilar problems of the unsteady boundary layer in a compressible gas.	1955	19	6	760-761
407a.	Dem'ianov, Iu. A. The influence of the boundary layer on the character of gas flow in a tube behind a moving shock wave.	1957	21	4	473-477
408.	Dem'ianov, Iu. A. On an application of A. A. Dorodnitsyn's variables in the boundary layer theory.	1955	19	4	507-508
408a.	Dem'ianov, Iu. A. The formation of a boundary layer on a plate with a moving pressure jump.	1957	21	3	368-374
409.	Dzhanelidze, G. Iu. Variational formulation of the theory of thin-walled elastic V. Z. Vlasov beams.	1943	7	6	455-462
410.	Dzhanelidze, G. Iu. and Radtsig, M. A. Dynamic stability of a ring under the action of normal periodic forces.	1940	5	5-6	5 55-60
411.	Dzhanelidze, G. Iu. On the theory of thin rods and thin-walled beams.	1949	13	6	597-608
412.	Dzhanelidze, G. Iu. Review of the works on the theory of bending of thick and thin plates published in the USSR. Bibliography (69 titles).	1948	12	1	109-128
413.	Dzhanelidze, G. Iu. Determination of transverse forces in bending of supported thin plates.	1946	10	2	221-228
414.	Dzhanelidze, G. Iu. Summing of the Navier solution for a rectangular plate.	1939	3	4	155-162
415.	Dzhanelidze, G. Iu. Theory of thin curved rods whose cross-sectional contour is undeformable.	1944	8	1	25-32
416.	Dzhanelidze, G. Iu. See Beilin, B. A. and Dzhanelidze, G. Iu.				
417.	Dzhrbashian, M. M. See Abramian, B. L. and Dzhrbashian, M. M.				
418.	Dimentberg, F. M. and Shor, Ia. B. Graphical solution of problem of three-dimensional mechanics with the aid of constructions in one plane.	1940	4	5-6	105-122
419.	Dimentberg, F. M. Finite displacements of a three-dimensional four bar linkage with cylindrical pairs and the case of passive coupling.	1947	11	6	593-602
420.	Dimentberg, F. M. and Shor, Ia. B. Bennet's mechanism.	1940	4	3	111-118

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421.	Dimentberg, F. M. On transverse vibrations of a bar with distributed mass taking into account resistance.	1949	13	1	51-54
422.	Dinnik, A. N. Leningrad Mechanical, Scientific, Engineering and Technical Society (NITO). On the work in the theory of elasticity of the chair of the theory of elasticity at the Ukrainian Academy of Sciences and the chair of strength of materials at the Dnepropetrovsk Metallurgical Institute.	1933	1	2	329-338
423.	Dinnik, Aleksandr Nikolaevich. Obituary notice.	1951	15	2	124-128
424.	Dinnik, A. N. (repeat of 422).				
425.	Dinnik, A. N. On an error in 'Huette'. (On the analysis of columns of variable cross-section.)	1933	1	1	127-129
426.	Dinnik, A. N. Prof. A. S. Lokshin. Obituary notice.	1936	3	1	6-8
427.	Dinnik, A. N. List of scientific publications.	1951	15	2	128-136
428.	Ditiakin, Iu. F. See Borodin, V. A. and Ditiakin, Iu. F.				
429.	Dobrovol'skii, V. V. On spherical connecting rod curves.	1944	8	6	475-477
430.	Dobrovol'skii, V. V. On Burmester points in spherical motion.	1945	9	6	489-491
431.	Dobronravov, V. V. On some problems of the mechanics of non-holonomic systems.	1952	16	6	760-764
432.	Dobrotin, D. S. Evaluation of solutions of some nonlinear differential equations in the region of asymptotic stability.	1956	20	6	723-732
433.	Dobryshman, E. M. On one particular case of the problem of heat conduction in two media.	1954	18	2	219-224
434.	Dobryshman, E. M. Approximate solution of some non-stationary boundary layer problems.	1956	20	3	402-410
434a.	Dovnorovich, V. I. The three-dimensional contact problem of the rigid punch having a surface of revolution described by a polynomial with respect to Cartesian coordinates.	1957	21	2	272-278
435.	Dolgolenko, Iu. V. Remarks on the article by G. V. Aronovich 'On the theory of shimmying of an automobile and an airplane.'	1950	14	4	449-451
436.	Dolidze, D. E. The linear boundary value problem of unsteady motion of a viscous incompressible liquid.	1947	11	2	237-250
437.	Dolidze, D. E. The nonlinear boundary value problem of unsteady motion of an incompressible liquid.	1948	12	2	165-180
438.	Dolidze, D. E. Unsteady motion of a viscous liquid produced by a rotating disc.	1954	18	3	371-378
439.	Dolidze, D. E. A remark on the articles by D. E. Dolidze 'The nonlinear boundary value of unsteady motion of an incompressible liquid', PMM, vol. 12, no. 2, 1948, and 'Unsteady motion of a viscous liquid produced by a rotating body', PMM, vol. 18, no. 3, 1954.	1955	19	6	764
440.	Dol'berg, M. D. On the magnitude of the deflection in a longitudinally compressed rod.	1942	6	5	369-374
441.	Dorodnitsin, A. A. Asymptotic solution of Van der Pol's equation.	1947	11	3	313-328
442.	Dorodnitsin, A. A. The influence of the fuselage on the distribution of loads along the span of a wing.	1943	7	4	233-244
443.	Dorodnitsin, A. A. and Loitsianskii, L. G. On the theory of the transition from the laminar to the turbulent boundary layer.	1945	9	4	269-285

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444.	Dorodnitsïn, A. A. Generalization of the theory of the lifting line to the case of a wing with a curved axis and an axis not perpendicular to the flow.	1944	8	1	33-64
445.	Dorodnitsin, A. A. The boundary layer in a compressible gas.	1942	6	6	449-486
446.	Dorfman, A. Sh. and Shvets, I. T. Some particular cases of the solution of the equations of the boundary layer in a compressible fluid.	1955	19	4	509-512
447.	Dorfman, L. A. The inverse problem for the cascade of airfoils.	1954	18	5	637-640
447a.	Dorfman, L. A. A remark on the article by L. A. Dorfman 'The inverse problem for the cascade of airfoils', PMM, vol. 18, no. 5, 1954.	1955	19	3	384
448.	Dorfman, L. A. Analysis of streamline flow around cascades of airfoils and the construction of cascades according to a given velocity distribution along the airfoils.	1952	16	5	599-612
449.	Dragilev, A. V. Periodic solutions of the differential equation of nonlinear vibrations.	No Reference Given.			
450.	Drakhlin, E. Kh. Convection in an infinite horizontal elliptical cylinder.	1954	18	2	215-218
450a.	Drakhlin, E. Kh. Solutions of the equations for a case of stationary thermal convection in an infinite oblique circular cylinder.	1957	21	5	693-695
451.	Drozdov, Iu. M. Forced oscillations of nonlinear systems with one degree of freedom being close to conservative systems (examples).	1955	19	1	33-40
452.	Duboshin, G. E. Resolution of the inverse distance in the theory of gravitation.	1946	10	3	407-420
453.	Duvakin, A. P. and Letov, A. M. On the stability of control systems with two guidance agents.	1954	18	2	163-166
454.	Diatlov, A. V. Stability of continuous built-up bars.	1938	1	4	479-492
455.	Egorov, I. T. Impact on a compressible liquid.	1956	20	1	67-72
456.	Eremeev, N. V. On the conditions of the Roberts-Chebyshev theorem.	1948	12	6	785-786
457.	Eremeev, N. V. On the conditions of the Roberts-Chebyshev theorem.	1949	13	1	115-116
458.	Erugin, N. P. Analytical theory of nonlinear systems of ordinary differential equations.	1952	16	4	465-486
459.	Erugin, N. P. A remark on the paper by N. P. Erugin 'On the extension [continuation] of solutions of differential equations,' PMM, vol. 15, no. 1, 1951.	1955	19	6	764
460.	Erugin, N. P. A note on the integration of a system of two equations in finite form.	1950	14	3	315
461.	Erugin, N. P. Closed solutions of the parabolic non-homogeneous boundary value problem.	1950	14	2	215-217
462.	Erugin, N. P. On the theory of differential equations (ordinary and partial).	1951	15	3	355-366
463.	Erugin, N. P. Qualitative study of integral curves of a system of differential equations.	1950	14	6	659-664
464.	Erugin, N. P. Qualitative methods in the theory of stability.	1955	19	5	599-616
465.	Erugin, N. P. Methods of A. M. Liapunov and problems of overall stability.	1953	17	4	389-400
466.	Erugin, N. P. Some general problems of the theory of stability of motion.	1951	15	2	227-236

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467.	Erugin, N. P. Some general problems of the qualitative and analytical theory of linear systems of differential equations.	1955	19	2	211-221
468.	Erugin, N. P. On some problems of stability of motion and on the qualitative theory of differential equations on the whole.	1950	14	5	459-512
469.	Erugin, N. P. On periodic solutions of differential equations.	1956	20	1	148-152
470.	Erugin, N. P. On the extension [continuation] of solutions of differential equations.	1951	15	1	55-58
471.	Erugin, N. P. On asymptotic stability of the solution of a certain system of differential equations.	1948	12	2	157-164
472.	Erugin, N. P. On a problem of the theory of stability of systems of automatic control.	1952	16	5	620-628
473.	Erugin, N. P. Generalization of a theorem of Liapunov.	1948	12	5	633-638
474.	Erugin, N. P. Construction of the complete set of systems of differential equations having a given integral curve.	1952	16	6	659-670
475.	Erugin, N. P. and Sobolev, S. L. Approximate integration of some oscillatory functions.	1950	14	2	193-196
476.	Erugin, N. P. Theorems of instability.	1952	16	3	355-361
477.	Ershov, B. A. On the overall stability of a certain system of automatic control.	1953	17	1	61-72
478.	Ershov, B. A. A theorem on the stability of overall motion.	1954	18	3	381-383
479.	Esipovich, E. M. On the stability of the solution of one class of differential equations with lagging argument.	1951	15	5	601-608
480.	Efimenko, V. A. On the approximate calculation of characteristic values of boundary value problems of ordinary fourth order differential equations with variable coefficients.	1937	1	2	155-176
481.	Efimov, M. I. On the equations of Chaplygin for nonholonomic mechanical systems.	1953	17	6	748-750
482.	Efimov, M. I. On the equations of motion in terms of holonomic and nonholonomic parameters.	1955	19	6	762-764
482a.	Zhak, S. V. On the possibility of quasi-rigid rotation of a fluid.	1957	21	4	569-570
483.	Zhgenti, V. S. On the analysis of a thin shallow shell having the form of a paraboloid of revolution.	1952	16	3	331-334
484.	Zhevakin, S. A. On finding limit cycles in systems close to certain nonlinear systems.	1951	15	2	237-244
485.	Zheleztsov, N. A. The method of point transformation and the problem of forced vibrations of an oscillator with 'combined' friction.	1949	13	1	3-40
485a.	Zhigulev, V. N. Conical transonic flow.	1957	21	3	375-380
486.	Zhigulev, V. N. On one class of plane and axisymmetric transonic flows.	1956	20	5	613-620
486a.	Zhilin, Iu. L. Wings of minimum drag.	1957	21	2	213-220
487.	Zhukovskii, V. S. and Volkov, P. M. Modelling methods of liquid flows carrying solid particles.	1933	1	2	179-208
488.	Zhukovskii, M. I. Determination of purely rotational flow around a cascade of airfoils.	1949	13	4	457-458
489.	Zhukovskii, Nikolai Egorovich (1874-1921).	1947	11	1	3-26
490.	[Zhukovskii, N. E.] List of publications of Nikolai Egorovich Zhukovskii.	1947	11	1	27-40

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491.	Zhuravskii, A. M. On the graphical determination of the position of the center of gravity of a figure.	1936	3	1	85-96
492.	Zhukhovitskii, E. M. On the stability of a non-uniformly heated liquid in a vertical elliptical cylinder.	1955	19	6	751-755
492a.	Zhukhovitskii, E. M. On the stability of a non-uniformly heated fluid in a spherical cavity.	1957	21	5	689-693
493.	Zhukhovitskii, E. M. Application of the Galerkin method to the problem on the stability of a non-uniformly heated liquid.	1954	18	2	205-211
494.	Zadiraka, K. V. On the construction of an approximation from both sides to the characteristic values of the Sturm-Liouville boundary value problem.	1952	16	6	735-738
495.	Zamiatina, V. N. The plane problem of the theory of elasticity for the circular ring.	1942	6	1	53-74
496.	Zverev, I. N. Propagation of disturbances in a visco-elastic and visco-plastic bar.	1950	14	3	295-302
497.	Zvolinskii, N. V., Ishlinskii, A. Iu. and Stepanenko, I. Z. Remarks in connection with the article by S. S. Grigorian 'On the statement of dynamic problems for ideal plastic media.'	1955	19	6	733
498.	Zvolinskii, N. V. Torsion of a beam, stretched by constant mass forces.	1939	3	3	3-32
499.	Zvolinskii, N. V. and Riz, P. M. On some problems of the nonlinear theory of elasticity.	1939	2	4	417-426
500.	Zelenskii, I. E. See Belen'kii, I. M. and Zelenskii, I. E.				
500a.	Zel'dovich, Ia. B. See Barenblatt, G. I.				
501.	Zenova, E. F. and Novozhilov, V. V. Symmetric deformation of toroidal shells.	1951	15	5	521-530
502.	Zubov, V. I. Problems of the theory of the second method of Liapunov; generation of the general solution in the region of asymptotic stability.	1955	19	2	179-210
503.	Zubov, V. I. Some sufficient criteria for the stability of a nonlinear system of differential equations.	1953	17	4	506-508
504.	Ivanov, A. V. Generalized formulas for transforms of the products of two functions.	1949	13	6	663-664
505.	Ivanova, L. S. The additional mass of a liquid occupying an open rectangular container.	1953	17	4	491-495
506.	Ivlev, D. D. On the use of the linear tensor relation in plasticity.	1956	20	2	289-292
507.	Ivlev, D. D. On the theory of simple deformation of plastic bodies.	1955	19	6	734-735
507a.	Ivlev, D. D. On the determination of displacements in L. A. Galin's problem.	1957	21	5	716-718
508.	Il'iushin, A. A. Problems in the theory of plastic material flow along surfaces.	1954	18	3	265-288
509.	Il'iushin, A. A. On the theory of small elastic-plastic deformations.	1946	10	3	347-356
510.	Il'iushin, A. A. The finite relation between forces and moments and their connection with deformations in the theory of shells.	1945	9	1	101-110
511.	Il'iushin, A. A. Modelling of thermal and rapid processes in metal working by pressure.	1952	16	4	385-398
512.	Il'iushin, A. A. Some problems in the theory of plastic deformations.	1943	7	4	245-272

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513.	Il'iushin, A. A. On the connection between stresses and small deformations in the mechanics of continuous media.	1954	18	6	641-666
514.	Il'iushin, A. A. Full plasticity in flow processes between rigid surfaces; the analogy with sand heaps and some applications.	1955	19	6	693-713
515.	Il'iushin, A. A. The approximate theory of elastic-plastic deformations of an axisymmetric shell.	1944	8	6	15-24
516.	Il'iushin, A. A. The relation between the St. Venant-Levy-von Mises theory and the theory of small elastic-plastic deformations.	1945	9	3	207-218
517.	Il'iushin, A. A. Theory of plasticity in simple quenching of bodies made of hardening material.	1947	11	2	293-296
518.	Il'iushin, A. A. Elastic-plastic stability of plates.	1946	10	5-6	623-638
519.	Il'iushin, A. A. Stability of plates and shells beyond the elastic limit.	1944	8	5	337-360
519a.	Iordanskii, S. V. On the stability of a plane stationary shock wave.	1957	21	4	465-472
520.	Istomin, N. V. The moment tensor of a system of fixed vectors and its application in mechanics.	1956	20	3	434-438
520a.	Ishkova, A. G. Some generalizations concerning solutions of problems of bending of a circular plate and an infinite strip lying on an elastic half-space.	1957	21	2	287-290
521.	Isklinskii, A. Iu. A problem of slow flow of a viscous liquid in a circular tube of variable cross-section.	1944	8	5	395-400
522.	Isklinskii, A. Iu. A note on the article by A. N. Gerasimov 'The problem of elastic after-effect and internal friction'.	1939	3	2	163-164
523.	Ishlinskii, A. Iu. On the theory of the gyrohorizon-compass.	1956	20	4	487-499
523a.	Ishlinskii, A. Iu. On the theory of the gyroscopic pendulum.	1957	21	1	3-14
524.	Ishlinskii, A. Iu. On the state of stress in an elastic cylinder with large angles of twist.	1943	7	3	222-225
525.	Ishlinskii, A. Iu. On the relative equilibrium of a physical pendulum with a moving support.	1956	20	3	297-308
525a.	Ishlinskii, A. Iu. On the equations of the problem of the determination of the position of a moving object by means of gyroscopes and accelerometers.	1957	21	6	725-739
526.	Ishlinskii, A. Iu. On the stability of visco-plastic flow in a circular plate.	1943	7	6	405-412
527.	Ishlinskii, A. Iu. On the stability of visco-plastic flow in a strip and a circular rod.	1943	7	2	109-130
528.	Ishlinskii, A. Iu. The axisymmetric problem of plasticity and the Brinell test.	1944	8	3	201-224
529.	Ishlinskii, A. Iu. Plane deformation assuming linear hardening.	1941	5	1	57-70
530.	Ishlinskii, A. Iu. Longitudinal vibrations of a bar assuming a linear law of after-effect and relaxation.	1940	4	1	79-92
531.	Ishlinskii, A. Iu. Rolling and drawing at high deformation rates.	1943	7	3	226-230
531a.	Ishlinskii, A. Iu. Theory of a double gyroscopic pendulum.	1957	21	2	175-183
532.	Ishlinskii, A. Iu. Friction of rolling.	1938	2	2	245-260
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534.	Ishlinskii, A. Iu. See Zvolinskii, N. V., Ishlinskii, A. Iu. and Stepanenko, I. Z.				

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535.	Ishkov, P. K. Determination of frequencies of vibrations of elastic rods in a liquid.	1937	1	1	3-14
536.	On the meeting of the second All-Union conference on structural mechanics and the theory of elasticity.	1941	5	2	325
537.	On the meeting of the first All-Union conference on aero-hydro-mechanics and general mechanics.	1941	5	2	325
538.	Kazakov, S. A. Calculation of the trajectories of centers of gravity of artillery shells.	1945	9	2	129-138
539.	Kazarnovskaia, B. E. and Polubarinova-Kochina, P. Ia. On the motion of ground water in petroleum strata.	1943	7	6	439-454
540.	Kalandiia, A. I. Bending of an elastic plate having the shape of an elliptic ring.	1953	17	6	693-704
540a.	Kalandiia, A. I. On contact problems in the theory of elasticity.	1957	21	3	389-398
541.	Kalandiia, A. I. On the mixed problem of bending of an elastic plate.	1952	16	3	271-282
542.	Kalandiia, A. I. The general mixed problem of bending of an elastic plate.	1952	16	5	513-532
543.	Kalandiia, A. I. Solution of some problems on bending of an elastic plate.	1953	17	3	293-310
544.	Kalinin, N. K. and Polubarinova-Kochina, P. Ia. On the unsteady motion of ground water with a free surface.	1947	11	2	231-236
545.	Kalinin, N. K. On unsteady filtration in the case of drainage through a water-permeable layer of finite thickness.	1948	12	2	199-206
546.	Kalinin, N. K. Filtration through a two-layered wedge.	1952	16	2	213-222
547.	Kalinin, N. K. See Rizenkampf, B. K. and Kalinin, N. K.				
547a.	Kalinin, S. V. On the stability of periodic motions in the critical case when the characteristic equation has one pair of purely imaginary roots (simplified method).	1957	21	1	125-128
548.	Kalinin, S. V. On the stability of periodic motions in the case when one root is equal to zero.	1948	12	5	671-672
549.	Kalinin, S. V. On the stability of periodic motions in the case when one root is equal to zero.	1949	13	3	247-252
550.	Kalikhman, L. E. Gasdynamic theory of heat transfer.	1946	10	4	449-474
551.	Kalikhman, L. E. Drag and heat transfer of a flat plate in a gas flow at high speeds.	1945	9	3	245-256
552.	Kamenkov, G. V. and Lebedev, A. A. Remarks on the article on stability in a finite time interval.	1954	18	4	512
553.	Kamenkov, G. V. On the stability of motion in a finite time interval.	1953	17	5	529-540
554.	Kamynin, L. I. On the behaviour of the solution of the finite difference analog of the wave equation.	1955	19	5	589-598
555.	Kantorovich, L. V. Utilization of the notion of Galerkin's method in a method of reducing to ordinary differential equations.	1942	6	1	31-40
556.	Karaseva, T. M. On one criterion for boundedness of solutions of Hill's differential equations.	1956	20	4	548-551
557.	Karpovich, E. A. and Frankl', F. I. Drag of an arrow-shaped wing at supersonic speeds.	1947	11	4	435-496
558.	Karr'e, G. O. On conformal mapping of airfoils.	1947	11	1	65-68
559.	Kasimov, A. F. and Mirzanzade, A. Kh. Different forms of equations of motion of visco-plastic liquids and the law of hydrodynamic similarity.	1955	19	3	348-352

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561.	Kaspar'iants, A. A. On the propagation of sound waves in a viscous gas with the presence of heat condution.	1954	18	6	729-734
562.	Kats, A. M. Biharmonic vibrations of a dissipative nonlinear system excited or maintained by a harmonic disturbing force.	1954	18	4	425-444
563.	Kats, A. M. Forced vibrations of nonlinear almost conservative systems with one degree of freedom.	1955	19	1	13-32
564.	Kats, A. M. On the problem of calculating a quadratic criterion for the quality of control.	1952	16	3	362-364
565.	Kats, A. M. On the problem of the criterion for aperiodic stability.	1951	15	1	120
566.	Kats, A. M. On the problem of the approximate solution of nonlinear second order differential equations.	1950	14	1	111-113
567.	Kats, A. M. Some new formulas for the analysis of torsional vibrations of shafts of multicylinder engines.	1933	1	1	78-86
568.	Kachanov, L. M. Variational principles for elastic-plastic media.	1942	6	2-3	187-196
569.	Kachanov, L. M. On the problem of composite loading.	1955	19	3	371-375
570.	Kachanov, L. M. On the mechanics of plastic media.	1940	4	3	37-42
571.	Kachanov, L. M. On the theory of unsteady creep.	1949	13	4	381-390
572.	Kachanov, L. M. Plastic torsion of circular bars of variable diameter.	1948	12	4	375-384
572a.	Kachanov, L. M. Elastic-plastic equilibrium of a wedge with a plane state of stress.	1957	21	3	413-418
573.	Kachanov, L. M. The elastic-plastic state of solid bodies.	1941	5	3	431-438
574.	Kachanov, L. M. Stability of the plane form of bending beyond the elastic limit.	1951	15	2	195-206
575.	Kachanov, L. M. Stability of the plane form of bending beyond the elastic limit (the effect of hardening).	1951	15	5	637-641
576.	Kachanov, L. M. Stability of the plane form of bending beyond the elastic limit (III. The effect of loading).	1951	15	6	762-764
577.	Kibel', I. A. (review) Kochin, P. E. and Roze, N. V. Introduction to theoretical hydromechanics.	1933	1	1	145-146
578.	Kibel', I. A. Heating of a viscous liquid by a rotating disc.	1947	11	6	611-614
579.	Kibel', I. A. (ref.) Nikuradze: Laws of turbulent flow in smooth pipes. VDI - Forschungsheft No. 356, 1932.	1933	1	1	136-144
580.	Kibel', I. A. On some two-dimensional motions of a heavy compressible liquid.	1933	1	1	51-55
581.	Kibel', I. A. On the characteristics of differential equations of gas dynamics.	1936	3	1	9-15
582.	Kibel', I. A. In connection with the article by D. A. Grave 'On the motion of a compressible liquid'.	1934	2	1	147-148
583.	Kibel', I. A. Application of the method of long waves in a compressible liquid.	1944	8	5	413-416
584.	Kibel', I. A. An example of the exact solution of the two-dimensional vortex problem of gas dynamics.	1947	9	1	193-198
585.	Kil'chevskii, N. A. Some methods of integration of equilibrium equations of elastic shells.	1940	4	2	43-58
586.	Kil'chevskii, N. A. On axisymmetric deformations and elastic stability of a circular pipe under the action of longitudinal compressive forces.	1942	6	6	497-508

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587. Kil'chevskii, N. A. Generalization of the modern shell theory.	1939	2	4	427-438
587a. Kil'chevskii, N. A. Theorem on the reciprocity of work and the construction of Green's tensor in the theory of small elastic-plastic deformations.	1957	21	5	634-643
588. Kim, E. I. On the general boundary value problem of the harmonic function.	1952	16	2	147-158
588a. Kim. E. I. On a problem of the heat transfer of a system of bodies.	1957	21	5	624-633
589. Kim, E. I. Heat propagation in an infinite non-homogeneous body in two dimensions.	1953	17	5	555-468
590. Kiselev, B. M. Analysis of one-dimensional gas flow.	1947	11	1	177-192
591. Kitover, K. A. On the use of special systems of biharmonic functions for the solution of some problems of the theory of elasticity.	1952	16	6	739-748
592. Kitover, K. A. Tables of sums of some infinite trigonometric series.	1948	12	2	233-240
593. Kluishnikov, V. D. The derivation of the Beltrami-Michell conditions from Castigliano's variational equation.	1954	18	2	250-252
593a. Kluishnikov, V. D. On laws of plasticity for a particular class of loading paths.	1957	21	4	533-543
593b. Kluishnikov, V. D. On a special feature of the system of equations for shallow shells.	1957	21	1	115
594. [Kovalevskaia, S. V.] List of scientific publications by S. V. Kovalevskaia.	1950	14	3	235
595. Kogan, B. I. The state of stress of an infinite cylinder pressed into an absolutely rigid semi-infinite cylindrical sleeve.	1956	20	2	236-247
595a. Kogan, M. N. On bodies of minimum drag in supersonic gas flow.	1957	21	2	207-212
596. Kogan, M. N. On the theory of flow around bodies of low aspect ratio.	1956	20	1	87-94
597. Kogan, M. N. Some properties of three-dimensional supersonic flow.	1956	20	5	661-662
598. Kolosov, G. V. On surfaces representing the distribution of shearing forces at a point of a continuous deformable body.	1933	1	1	125-126
599. Kolosov, G. V. On the center of non-parallel forces.	1929	1	1	5-9
600. Kolchin, N. I. Determination of lateral clearance in evolvent teeth for the prevention of the wedging effect.	1933	1	1	87-96
601. Komarov, D. M. On some errors in the course on 'Machine details' by Prof. V. A. Dobrovol'skii.	1942	6	2-3	257-262
602. Kondrat'ev, A. S. Determination of frequencies of vibrations of elastic systems loaded by an additional mass.	1939	2	4	499-512
602a. Kondrat'ev, A. S. and Chaikina, Z. S. Oscillatory properties of the vibrations of a longitudinally compressed bar.	1957	21	4	560-563
603. Konovalov, Iu. V. Bending of an infinite cylindrical shell.	1940	4	5-6	35-54
604. Konovalov, Iu. V. On the finding of characteristic numbers and characteristic functions of the homogeneous Sturm-Liouville differential equation with homogeneous boundary conditions.	1939	3	1	83-96

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605.	Conference on the mathematical theory of elasticity in Tbilisi.	1940	4	2	125-126
606.	Kopeikin, Iu. D. and Leonov, M. Ia. On one case of instability of equilibrium of a compressed column.	1955	19	6	736-737
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608.	Kopzon, G. I. Two-dimensional impact in a slightly compressible ideal liquid.	1952	16	6	719-722
609.	Kopzon, G. I. Unsteady motions of a wing in supersonic flow.	1957	21	1	136-141
609a.	Kopylov, G. N. Sonic flow around a wedge at a finite angle of attack.	1957	21	1	35-48
610.	Koronev, B. G. On the question of applying the method of compensating loadings.	1942	6	1	91-94
611.	Korenev, B. G. The method of compensating loadings applied to problems of equilibrium, vibrations and stability of plates and membranes.	1940	4	5-6	61-72
612.	Korenev, B. G. On the method of initial parameters in problems on circular plates and shells of revolution.	1946	10	1	165-172
613.	Kosmodemianskii, A. S. Bending of a plane curved anisotropic beam due to a force applied at the end.	1952	16	2	249-252
614.	Kostiuk, A. G. Stresses in a uniform rotating cylinder beyond the elastic limit.	1954	18	4	453-456
615.	Kostiuk, A. G. On the equilibrium of a ring-shaped plate with a power law of hardening.	1950	14	3	319-320
616.	Kostiuk, A. G. Study of the profile of a rotating disc under the conditions of creep.	1953	17	5	615-618
617.	Kostiukov, A. A. On the problem of wave generation accompanying ship motions.	1953	17	3	275-284
618.	Kostiukov, A. A. On the wave drag of a convoy of ships.	1953	17	1	33-38
619.	Kostiukov, A. A. On wave generation and wage drag of vessels in a bounded basin of liquid.	1955	19	5	557-570
620.	Kostiukov, A. A. On formulas for computing the wave drag and the lift of bodies submerged in a liquid.	1954	18	2	225-232
621.	[Kotel'nikov, A. P.] On the seventy-fifth anniversary of the birth of the distinguished scientist and engineer Prof. A. P. Kotel'nikov (editorial article).	1940	4	5-6	3-10
622.	Kochetkov, A. M. On the propagation of elastic-visco-plastic shear waves in a plate.	1950	14	2	203-208
623.	Kochetkov, A. M. Approximate solution of some problems of unsteady motion of a visco-plastic medium.	1950	14	4	433-436
624.	Kochin, N. E. The influcence of the spacing of a cascade upon its hydrodynamic characteristics.	1941	5	2	165-192
625.	Kochin, Nikolai Evgrafovich. Obituary notice.	1945	9	1	1-7
626.	Kochin, N. E. On torsional vibrations of crankshafts.	1934	2	1	3-28
627.	Kochin, N. E. On the analysis of critical speeds of a shaft.	1956	20	3	426-428
628.	Kochin, N. E. On the bending of the cable of a kite balloon under the action of wind.	1946	10	1	153-164
629.	Kochin, N. E. On an existence theorem of hydrodynamics.	1956	20	2	153-172
630.	Kochin, N. E. On the releasing of mechanical systems.	1946	10	5-6	541-544
631.	Kochin, N. E. On steady waves in a compressible liquid.	1933	1	2	251-255
632.	Kochin, N. E. On steady vibrations of a wing of circular plan form.	1942	6	4	287-316

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633.	Kochin, N. E. Determination of the hydrodynamic characteristics of cascades of large spacing.	1947	11	1	85-96
634.	Kochin, N. E. List of scientific publications (79 titles).	1945	9	1	8-12
635.	Kochin, N. E. The theory of the circular wing.	1945	9	1	13-66
636.	Kochin, N. E. The theory of a wing of finite span of circular plan form.	194?	4	1	3-32
637.	Kochina, I. N. On waves on the surface separating two liquids which are moving at an angle with respect to each other.	1955	19	5	628-634
638.	Kochina, I. N. and Polubarinova-Kochina, P. Ia. On the application of smooth contours in foundations of hydraulic structures.	1952	16	1	57-66
639.	Kochina, I. N. On one class of turbulent motions of an ideal incompressible liquid.	1955	19	6	756-759
640.	Kochina, N. N. Some problems of three-dimensional spreading of ground water.	1953	17	3	377-381
640a.	Kochina, N. N. Some exact solutions of the equations of uniform unsteady motion of an ideal gas.	1957	21	4	449-458
641.	Kochina, N. N. The two-dimensional problem of the spreading of a ground water mound in an aquifer of infinite depth.	1951	13	6	679-682
642.	Koshliakov, V. N. On some particular cases of integrating the dynamic Euler equations as applied to the motion of a gyroscope in a resisting medium.	1953	17	2	137-148
643.	Krasil'nikov, Iu. I. Unsteady motion of a visco-plastic liquid in a circular pipe.	1956	20	5	655-660
644.	Krasil'shchikova, E. A. Perturbed motion of air due to oscillations of a wing moving at supersonic speed.	1947	11	1	147-164
645.	Krasovskii, N. N. On the overall behaviour of integral curves of a system of two differential equations.	1954	18	2	149-154
646.	Krasovskii, N. N. On the application of the second method of A. M. Liapunov to equations with time lag.	1956	20	3	315-327
647.	Krasovskii, N. N. On asymptotic stability of a system with after-effect.	1956	20	4	513-518
648.	Krasovskii, N. N. On the inversion of the theorem of A. M. Liapunov and N. G. Chetaev on the instability of stationary systems of differential equations.	1954	18	5	513-532
649.	Krasovskii, N. N. On the inversion of the theorem of K. P. Persidski on uniform stability.	1955	19	3	273-278
649a.	Krasovskii, N. N. On a problem of optimum control.	1957	21	5	670-677
650.	Krasovskii, N. N. On the overall stability of the solution of a nonlinear system of differential equations.	1954	18	6	735-737
651.	Krasovskii, N. N. On the overall stability of motion with constantly acting disturbances.	1954	18	1	95-102
652.	Krasovskii, N. N. On stability to the first approximation.	1955	19	5	516-530
652a.	Krasovskii, N. N. On stability with large initial disturbances.	1957	21	3	309-319
653.	Krasovskii, N. N. On the stability of solutions of a certain nonlinear system of three equations with arbitrary initial disturbances.	1953	17	3	339-350
654.	Krasovskii, N. N. On the stability of the solutions of a system of two differential equations.	1953	17	6	651-672
655.	Krasovskii, N. N. The inversion of the theorems of the second method of Liapunov and problems of stability of motion to the first approximation.	1956	20	2	255-265
656.	Krasovskii, N. N. Theorems on the stability of motions governed by a system of two equations.	1952	16	5	547-554

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656a.	Krasovskii, N. N. See Germaidze, V. E.				
657.	Krein, M. G. On some maximum and minimum problems for characteristic numbers and on Liapunov zones of stability.	1951	15	3	323-348
658.	Krein, M. G. On some new problems of the theory of vibrations of Sturn systems.	1952	16	5	555-568
659.	Krein, M. G. On criteria for limits of stability of solutions of periodic canonical systems.	1955	19	6	641-680
659a.	Krein, M. G. On the characteristic function of a linear canonic system of second order differential equations with periodic coefficients.	1957	21	3	320-329
660.	Krein, M. G. See Gantmakher, F. R. and Krein, M. G.				
660a.	Krein, S. G. and Moiseev, N. N. On vibrations of a solid body containing a liquid having a free surface.	1957	21	2	169-174
660b.	Kristesku, N. On wave propagation in rubber.	1957	21	6	795-800
661.	Kristesku, N. Some remarks on the propagation of plastic waves in plates.	1955	19	4	433-442
662.	Kristesku, N. On loading and unloading waves occurring in the motion of an elastic or plastic flexible string.	1954	18	3	257-264
662a.	Kristesku, N. Wave propagation in flexible strings (influence of the rate of deformation).	1957	21	4	486-490
663.	Kronberg, V. A. On the first variation of the solution of boundary value problems of potential theory with variation of the bounding surface.	1955	19	4	436-470
664.	Krylov, A. N. Obituary notice.	1946	10	1	3-7
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666.	[Krylov, A. N.] List of scientific works, translations, lectures, reviews and articles.	1946	10	1	8-20
667.	Krylov, V. V. On the application of complex variables to the plane problem of the theory of elasticity for finite displacements.	1948	12	1	81-86
668.	Krylov, V. V. The plane problem of the theory of elasticity for finite displacements.	1946	10	5-6	647-656
669.	Kriuchin, A. F. On the problem of transonic flow around an airfoil.	1954	18	5	547-560
670.	Kriuchin, A. F. The uniqueness theorem for the solution of the problem of transonic gas flow past a wedge profile.	1955	19	5	639-640
671.	Kudriashov, L. K. Plane parallel gas flow past an ellipse	1947	11	1	119-128
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672.	Kuzmak, G. E. On one representation of the solution of the basic integro-differential equation of the wing.	1952	16	6	715-718
673.	Kuznetsov, P. I. On the representation of a certain contour interval.	1947	11	2	267-270
674.	Kuznetsov, P. I. On the propagation of electromagnetic waves along two parallel single-wire lines.	1948	12	2	141-148
675.	Kuznetsov, P. I. Propagation of electromagnetic waves along a line.	1947	11	6	615-620
676.	Kuznetsov, P. I. Lommel functions of two imaginary arguments.	1947	11	5	555-560
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678.	Kuzovkov, N. T. See Bulgakov, B. V. and Kuzovkov, N. T.				

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680a.	Kuz'min, P. A. Stability with parametric disturbances.	1957	21	1	129-132
681.	Kulikov, N. K. On the determination of the limit of the general solution of a nonlinear first order differential equation.	1952	16	6	729-734
682.	Kulikovskii, A. G. On the degeneration of uniform isotropic magneto-hydrodynamic turbulence in an incompressible liquid.	1955	19	5	551-556
683.	Kunin, I. A. Determination of the finite range of initial deviations at which the motions remain asymptotically stable for systems of two first order equations.	1952	16	5	539-546
684.	Kuntse, I. P. Stability of plates of compressible material beyond the elastic limit.	1946	10	5-6	671-672
685.	Kuntse, I. P. Stability of a cylindrical shell beyond the elastic limit.	1947	11	5	561-562
686.	Kurdiumov, A. A. On the solution in terms of polynomials of the plane problem of the theory of elasticity for a rectangular anisotropic strip.	1945	9	4	339-342
687.	Kutilin, D. I. A direct method of computing derivatives of a vector and a tensor in the case of orthogonal systems of curvilinear coordinates.	1943	7	6	431-438
688.	Kufarev, P. P. On the problem of torsion and bending of bars of polygonal cross-section.	1937	1	1	43-76
689.	Kufarev, P. P. On laminar flow around an arc of a circle.	1952	16	5	589-598
690.	Kufarev, P. P. On a particular case of oscillations of a helical spring with contact coils.	1948	12	2	209-210
691.	Kufarev, P. P. See Vinogradov, Iu. P. and Kufarev, P. P.				
691a.	Ladyzhenskii, M. D. Damping of shock waves.	1957	21	1	27-34
692.	Lazutkin, D. F. Propagation of elastic-plastic waves along a cylindrical rod.	1952	16	1	94-100
693.	Lambin, N. V. Separated flow around a cascade of kinked profiles.	1944	8	3	187-200
694.	Lambin, N. V. A plate with openings in a two-dimensional magnetic field.	1939	3	3	103-110
695.	Lambin, N. V. Solution of some boundary value problems by the method of symmetry.	1950	14	6	611-618
696.	Landau, L. On shock waves at large distances from the place of their generation.	1945	9	4	286-292
697.	Lebedev, A. A. On the problem of stability of motion in a finite time interval.	1954	18	1	75-94
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699.	Lebedev, A. A. On the stability of motion in a given time interval.	1954	18	2	139-148
700.	Lebedev, N. N. On the expansion of an arbitrary function in an integral of cylindrical functions of imaginary order and argument.	1949	13	5	465-476
701.	Lebedev, N. N. Solution of the Dirichlet problem for hyperboloids of revolution.	1947	11	2	251-258
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705.	Lebedev, N. F. The secondary elastic-plastic wave.	1954	18	2	167-180
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708.	Levin, L. M. See Gantmakher, F. R. and Levin, L. M.				
709.	Levinson, Ia. I. Study of the stability of supersonic gas flow in connection with the two-valued nature of the solution of the theory of shock waves.	1945	9	2	151-170
710.	Leibenzon, Z. L. Study of some properties of a continuous point of transformation of a segment upon itself, which is applicable to the theory of nonlinear vibrations.	1953	17	3	351-360
711.	Leibenzon, L. S. On a method of integrating the equations of motion of a viscous fluid.	1935	2	2	304-306
712.	Leningrad Mechanical, Scientific, Engineering and Technical Society (NITO).	1933	1	2	329
713.	Leningrad Mechanical, Scientific, Engineering and Technical Society (NITO).	1934	2	1	153
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715.	Leningrad Mechanical Society.	1931	2		101-102
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717.	Lenskii, V. S. The acoustic version of the theory of spelling.	1956	20	4	552-554
718.	Lenskii, V. S. On the Ostrogradski method of integrating dynamic equations of the theory of elasticity.	1955	19	5	617-620
719.	Lenskii, V. S. On elastic-plastic impact of a bar against a rigid wall.	1949	13	2	165-170
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722.	Leonov, M. Ia. Some problems and applications of potential theory.	1940	4	5-6	73-86
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725.	Leonov, M. Ia. On quasi-harmonic oscillations.	1946	10	5-6	575-580
726.	Leonov, M. Ia. The general problem of the pressing of a circular punch upon an elastic half-space.	1953	17	1	87-98
727.	Leonov, M. Ia. Calculation of the horizontal forces in the analysis of a bounding plate lying upon an elastic half-space.	1939	3	3	67-74
728.	Leonov, M. Ia. See Deineko, K. S. and Leonov, M. Ia.				
729.	Leonov, M. Ia. See Kopeikin, Iu. D. and Leonov, M. Ia.				
730.	Lepik, Iu. R. Two remarks on the theory of stability of plates beyond the elastic limit assuming that the material is compressible.	1950	14	5	553-557
731.	Lepik, Iu. R. Additional remarks on the cylindrical form of instability of plates beyond the elastic limit.	1951	15	1	107-110
732.	Lepik, Iu. R. Once more on the question of the cylindrical form of instability of elastic-plastic plates.	1956	20	1	140-143

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732b.	Lepik, Iu. R. On the equilibrium of compressed elastic-plastic bars.	1957	21	1	101-108
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733.	Lepik, Iu. R. Instability of compressible plates at the yield surface.	1951	15	5	629-634
734.	Letov, A. M. The limiting value of the smallest characteristic number of one class of control systems.	1951	15	5	591-600
735.	Letov, A. M. On the theory of the isodromic regulator.	1948	12	4	363-368
736.	Letov, A. M. On a special case of analyzing the stability of control systems.	1948	12	6	729-736
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739.	Letov, A. M. Stability of unsteady motions of control systems.	1955	19	3	257-264
740.	Letov, A. M. Stability of control systems with two executive organs.	1953	17	4	401-410
741.	Letov, A. M. See Duvakin, A. P. and Letov, A. M.				
742.	Lekhnitskii, S. G. Bending of non-homogeneous anisotropic thin plates of symmetric construction.	1941	5	1	71-92
743.	Lekhnitskii, S. G. Bending of a rectangular orthotropic plate being supported by parallel stiffeners.	1948	12	3	339-344
744.	Lekhnitskii, S. G. On the problem of the influence of concentrated forces upon the stress distribution in an anisotropic elastic medium.	1936	3	1	56-69
745.	Lekhnitskii, S. G. On the plane problem of the theory of elasticity.	1933	1	2	319-322
746.	Lekhnitskii, S. G. and Panferov, V. M. (review) Savin, G. N. Stress concentrations around openings. Gostekhiszdat, M.-L., 1951, 496 pp.	1952	16	1	126-128
747.	Lekhnitskii, S. G. Some cases of elastic equilibrium of a homogeneous cylinder with arbitrary anisotropy.	1938	2	3	345-368
748.	Lekhnitskii, S. G. On stresses in an infinite half-plane acted upon by forces on the boundary.	1933	1	2	282-289
749.	Lekhnitskii, S. G. On some problems connected with the theory of bending of thin plates.	1938	2	2	181-210
750.	Lekhnitskii, S. G. On the equilibrium of an anisotropic cantilever beam.	1942	6	1	3-18
751.	Lekhnitskii, S. G. The plane static problem of the theory of elasticity of an anisotropic body.	1937	1	1	77-90
752.	Lekhnitskii, S. G. Stress distribution in an elastic bar with curvilinear anisotropy acted upon by tensile forces and bending moments.	1949	13	3	307-316
753.	Lekhnitskii, S. G. Symmetric deformation and torsion of an anisotropic body of revolution with an anisotropy of a particular kind.	1940	4	3	43-60
754.	Lidov, M. L. On the theory of unsteady motions of a gas taking into account gravitation.	1955	19	5	541-550
755.	Lidskii, V. B. and Neigauz, M. G. On stability criteria of a system of differential equations with periodic coefficients.	1955	19	5	625-627
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758.	Likhachev, V. A. A remark on the article by A. I. Kalandiia 'Bending of an elliptic ring'.	1955	19	2	255-256
759.	Loitsianskii, L. (review) Akimov, M. N., Kochin, N. E., Melikov, K. V. and Neronov, N. P. Theoretical mechanics, no. 1, Statics.	1933	1	1	147
760.	Loitsianskii, L. and Lur'e, A. (review) Bukhgol'ts, N. N. A basic course in theoretical mechanics, part 1.	1935	2	2	324-325
761.	Loitsianskii, L. G. Hydrodynamic theory of the spherical bearing.	1955	19	5	531-540
762.	Loitsianskii, L. G. Integral methods in boundary layer theory.	1941	5	3	453-470
763.	Loitsianskii, L. G. On the theory of the spherical bearing.	1956	20	1	133-135
764.	Loitsianskii, L. G. and Lur'e, A. (review) Fifteen years of science in the USSR (1917-1932). Mechanics, edited by V. V. Golubev and L. S. Leibenzon.	1933	1	1	147-148
765.	Loitsianskii, L. (ref.) Nikuradze. Laws of flow in rough pipes.	1935	2	2	317-321
766.	Loitsianskii, L. G. On some applications of similarity methods in the theory of turbulence.	1935	2	2	180-206
767.	Loitsianskii, L. G. On the change of the drag of bodies ducts filling the boundary layer with liquids having different physical constants.	1942	6	1	95-100
768.	Loitsianskii, L. G. Generalization of the Zhukovskii formula to the case of an airfoil in a cascade in a flow of a compressible gas at subsonic speeds.	1949	13	2	209-216
769.	Loitsianskii, L. G. The feed-back influence of the boundary layer upon the pressure distribution along the surface of a body in a flow of a real liquid.	1947	11	2	205-214
770.	Loitsianskii, L. G. Stream line separation at the surface of a cylinder in the flow of a viscous liquid.	1933	1	1	38-46
771.	Loitsianskii, L. G. An approximate method of integrating the equations of the laminar boundary layer in an incompressible gas.	1949	13	5	513-524
772.	Loitsianskii, L. G. An approximate method of analyzing the turbulent boundary layer at a wing profile.	1945	9	6	433-448
773.	Loitsianskii, L. G. The three-dimensional boundary layer and friction near a side edge of a plate in a longitudinal flow of a viscous fluid.	1938	2	2	143-158
774.	Loitsianskii, L. G. Propagation of a twisted jet in an infinite space filled with the same fluid.	1953	17	1	3-16
775.	Loitsianskii, L. G. Drag of a cascade of airfoils in a gas flow at subcritical velocities.	1949	13	2	171-186
776.	Loitsianskii, L. G. Drag of a cascade of airfoils in a flow of a viscous incompressible fluid.	1947	11	4	449-458
777.	Loitsianskii, L. G. (ref.) A. Fage and Townend: An Examination of Turbulent Flow with an Ultramicroscope. Proc. of the Royal Soc. of London, ser. A., Vol. 135, 1932.	1933	1	2	323-325
778.	Loitsianskii, L. G. and Shvab, V. A. Experimental study of the methods of artificial reduction of the drag of bodies (membrane method).	1933	1	2	236-241
779.	Loitsianskii, L. G. See Dorodnitsyn, A. A. and Loitsianskii, L. G.				

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780.	**Lokshin,** A. S. On the analysis of plates supported by rigid ribs.	1935	2	2	225-240
781.	Lokshin, A. S. Obituary notice.	1935	2	2	327
782.	Lokshin, A. S. On the stability of a bar with a curved centerline.	1934	2	1	43-51
783.	Lokshin, A. S. List of scientific publications.	1936	3	1	8
784.	Lomakin, V. A. Elastic-plastic equilibrium of a sphere in an unsteady temperature field.	1955	19	2	244-248
785.	Lomakin, V. A. On the article by V. A. Lomakin 'Elastic-plastic equilibrium of a sphere in an unsteady field', PMM, vol. 19, no. 2, 1955.	1955	19	3	384
786.	Lukomskaia, M. A. On the flow of a liquid into a well, and on a non-homogeneous layer.	1948	12	2	207-208
787.	Lukomskaia, M. A. Solution of some problems of the flow of a liquid into wells.	1947	11	6	621-628
788.	Lukomskaia, M. A. Solution of some systems of partial differential equations by means of inclusion into a cycle.	1953	17	6	745-747
789.	Lunev, V. V. Laminar boundary layer of a compressible gas at a plate with large temperature drops.	1956	20	3	395-401
789a.	Lunev, V. V. Application of the perturbation method to problems of the laminar boundary layer.	1957	21	5	606-614
790.	Lunts, E. B. On damping in torsional vibrations.	1938	1	3	331-370
791.	Lunts, Ia. L. Bending of long clamped plates.	1943	8	3	167-178
792.	Lunts, Ia. L. On the propagation of spherical waves in an elastic-plastic medium.	1949	13	1	55-78
792a.	Lunk'kin, Iu. P. Boundary layer equations and their boundary conditions in the case of motion in a slightly rarefied gas at supersonic speeds.	1957	21	5	597-605
793.	Lur'e, A. I. and Chekmarev, A. I. Forced vibrations of a nonlinear system with a characteristic composed of two rectilinear segments.	1938	1	3	307-324
794.	Lur'e, A. (review) Dinnik, A. N. Tables of Bessel functions of fractional order. Published by the Ukrainian Academy of Sciences, Kiev, 1933; Sphil'rain, Ia. N., Tables of special functions, part 1, GTTI, 1933.	1935	2	2	325-326
794a.	Lur'e, A. I. Notes on analytical mechanics.	1957	21	6	759-768
795.	Lur'e, A. I. Bending and stability of naturally twisted straight bars.	1938	2	1	55-68
796.	Lur'e, A. I. On the problem of stability of control systems.	1951	15	1	67-74
797.	Lur'e, A. I. and Postnikov, V. N. On the theory of stability of control systems.	1944	8	3	246-248
798.	Lur'e, A. I. On the theory of thick plates.	1942	6	2-3	151-168
799.	Lur'e, A. I. Stress concentration in the vicinity of a hole at the surface of a circular cylinder.	1946	10	3	397-406
800.	Lur'e, A. I. (review) Kochin, N. E. 'Vector analysis', GTTI, L., 132, 152 pp.	1933	1	1	146
801.	Lur'e, A. I. (review) Marguerre, K. Stress distribution and wave propagation in a thick plate.	1935	2	2	314-317
802.	Lur'e, A. I. Some problems of bending of a circular plate.	1940	4	1	93-102
803.	Lur'e, A. I. Some contact problems of the theory of elasticity.	1941	5	3	383-408
804.	Lur'e, A. I. On the canonical form of the equations of the theory of automatic control.	1948	12	5	651-666

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806.	Lur'e, A. I. On naturally unstable control systems.	1951	15	2	251-254
806a.	Lur'e, A. I. On the theory of finite rotations of a solid body.	1957	21	4	571-573
807.	Lur'e, A. I. On the character of the boundaries of the region of stability of control systems.	1950	14	4	371-382
808.	Lur'e, A. I. On the equations of the general theory of elastic shells.	1950	14	5	558-560
809.	Lur'e, A. I. On the stability of motion of a certain dynamic system.	1947	11	4	445-448
810.	Lur'e, A. I. On the stability of one class of control systems.	1945	9	5	353-367
811.	Lur'e, A. I. General theory of thin elastic shells.	1940	4	1	7-34
812.	Lur'e, A. I. Determination of the displacement from a given deformation tensor.	1940	4	2	135-138
813.	Lur'e, A. I. Determination of the velocity potential at the surface of a body in an ideal fluid flow.	1935	2	2	307-308
814.	Lur'e, A. I. Transmission of pressure on to a plate through an elastic medium.	1934	2	1	29-42
815.	Lur'e, A. I. Equilibrium of an elastic hollow sphere.	1953	17	3	311-332
816.	Lur'e, A. I. Equilibrium of an elastic symmetrically loaded spherical shell.	1943	7	6	393-404
817.	Lur'e, A. I. Review of the article by Tricomi: On the problem of bending of a beam by a force applied at the end. (Tricomi, F.: Sul problema della trave, soggetta a una sforza di taglio. From the book Atti della Academia Naz. dei Lincei 1933, vol. XVIII Ser., N. 11, p.484-488.)	1936	3	1	162-163
818.	Lur'e, A. (review) Roze, N. V. Dynamics of a rigid body. L. Kubuch, 1932, 304 pp.	1933	1	1	146-147
819.	Lur'e, A. (review) Serensen, S. V. Fundamentals of the technical theory of elasticity as applied to stress analysis in aeronautics. RGTU, Kiev, 1934.	1936	3	1	165-167
820.	Lur'e, A. I. The case of unsteady motion of a circular cylinder in a viscous fluid.	1929	1		59-74
821.	Lur'e, A. I. Impact on a plate.	1934	2	1	143-146
822.	Lur'e, A. I. (review) Föppl, A. and Föppl, L. Force and deformation (Applied theory of elasticity), no. 1, translation from the German by V. M. Abramov, edited by Prof. I. M. Rabinovich, GTTI, 1933.	1934	2	1	150-151
823.	Lur'e, A. I. (review) Filonenko-Borodich, M. M. Fundamentals of the theory of elasticity, Gosstroiizdat, 1932.	1933	1	2	328
824.	Lur'e, A. I. See Gol'denveizer, A. L. and Lur'e, A. I.				
825.	Lur'e, A. I. (review). See Loitsianskii, L. and Lur'e, A.	1933	1	1	147-148
826.	Lur'e, A. L. Reduction of the rounding off error with an increasing nunber of dimensions.	1947	11	4	489-492
827.	Liapunov, A. M. From the editor.	1948	12	5	467-468
828.	[Liapunov, A. M.] List of publications.	1948	12	5	553-560
829.	Maizel', A. D. On stability to the first approximation.	1950	14	2	171-182
830.	Maizel', V. M. Refinement of the Dunkerley formula and an approximate determination of the lowest vibration frequency.	1939	3	1	119-124
831.	Maikapar, G. I. On aerodynamic analysis of a wing of finite span.	1943	7	6	463-469

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833.	Malkin, I. G. On the question of the reciprocity of the Liapunov theorem on asymptotic stability.	1954	18	2	129-138
834.	Malkin, I. G. On the theory of vibrations of quasi-linear systems with many degrees of freedom.	1950	14	4	353-370
835.	Malkin, I. G. On the theory of Poincaré's periodic solutions.	1949	13	6	633-646
836.	Malkin, I. G. On the theory of stability of control systems.	1951	15	1	59-66
837.	Malkin. I. G. Vibrations of quasi-linear systems with a non-analytical characteristic of nonlinearity.	1950	14	1	13-22
838.	Malkin, I. G. Vibrations of systems with several degrees of freedom close to Liapunov systems.	1948	12	6	673-690
839.	Malkin, I. G. Vibrations of systems with one degree of freedom close to Liapunov systems.	1948	12	5	561-596
840.	Malkin, I. G. Some basic theorems of the theory of stability of motion in critical cases.	1942	6	6	411-448
841.	Malkin, I. G. On the generation of a Liapunov function for systems of linear equations.	1952	16	2	239-249
842.	Malkin, I. G. On almost periodic vibrations of nonlinear non-autonomous systems.	1954	18	6	681-704
843.	Malkin, I. G. On resonance in quasi-harmonic systems.	1954	18	5	459-463
844.	Malkin, I. G. On the solution of the problem of stability in the case of two purely imaginary roots.	1951	15	2	255-257
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846.	Malkin, I. G. On a problem in the theory of the stability of systems of automatic control.	1952	16	3	365-368
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849.	Malkin, I. G. On stability with constantly acting disturbances.	1944	8	3	241-245
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856.	Malkin, Ia. F. Temperature distribution in plates and discs heated at the surface.	1939	2	4	487-492
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858.	Mandzhavidze, G. F. On a singular integral equation with discontinuous coefficients and its application to the theory of elasticity.	1951	15	3	279-296

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860.	Marants, M. S. Breaking of long waves in a canal.	1943	7	3	179-192
861.	Markov, A. A. On variational principles in the theory of plasticity.	1947	11	3	339-350
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863.	Markov, M. A. On permanent impact.	1939	3	3	163-164
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867.	Mezhlumian, R. A. Bending and torsion of thin-walled cylindrical shells beyond the elastic limit.	1950	14	3	253-264
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870.	Melent'ev, P. V. On the solution of equations of high order.	1948	12	2	215-218
871.	Melikov, K. V. Dynamic analysis of a flexible shaft.	1938	2	1	105-118
872.	Melikov, K. V. On the calculation of periods of torsional vibrations of shafts.	1933	1	1	130-135
873.	Melikov, K. V. and Iushkov, P. P. On the form of equilibrium of a flexible shaft in one particular case.	1937	1	2	247-254
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875.	Mel'nik, S. I. A beam on an elastic foundation.	1940	4	2	117-120
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877.	Merkulov, V. I. On a problem by Zhukovskii.	1952	16	5	633-634
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880.	Mikeladze, M. Sh. On the strength of a rapidly rotating cylinder.	1952	16	3	706-710
881.	Mikeladze, M. Sh. Numerical solution of a system of differential equations. Application of the method to the study of the rotating shell.	1953	17	3	382-386
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883.	Mikeladze, Sh. E. On breaking up of a denominator whose elements are polynomials.	1948	12	2	219-222
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885.	Minasian, R. S. On the mixed boundary value problem of Laplace's equation for a rectangle.	1952	16	3	292-304

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887a.	Mintsberg, B. L. On the problem of torsion of a half-space.	1957	21	1	116-118
888.	Mintsberg, B. L. The mixed boundary value problem of the theory of elasticity for a plane with a circular opening.	1948	12	4	415-422
889.	Mirzadzhanzade, A. Kh. See Kasimov, A. F. and Mirzadzhanzade, A. Kh.				
890.	Mitropol'skii, Iu. A. Slow processes in nonlinear oscillatory systems with many degrees of freedom.	1950	14	2	139-170
891.	Mihkailov, G. K. On the geometry of an idealized soil.	1952	16	4	511-512
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895.	Mikhlin, S. G. An estimate of the error in the analysis of an elastic shell as a flat plate.	1952	16	4	399-418
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898a.	Movchan, A. A. On the stability of a panel moving in a gas.	1957	21	2	231-243
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899.	Moiseev, N. N. On two pendulums filled with liquid.	1952	16	6	671-678
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910.	Mossakovskii, V. I. The first fundamental problem of the theory of elasticity for a space with a plane circular cavity.	1955	19	4	443-452
911.	Mossakovskii, V. I. Application of the reciprocity theorem to the determination of resultant forces and moments in three-dimensional contact problems.	1953	17	4	477-482
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935.	Narimanov, G. S. On the motion of a rigid body with a cavity partially filled with a liquid.	1956	20	1	21-38
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954.	Neronov, N. P. On some problems connected with the determination of stresses in lifting cables.	1940	4	2	59-74
955.	Neronov, N. P. On some problems of the theory of ships.	1943	7	2	141-148
956.	Neronov, N. P. On the reduction of a two-dimensional problem of hydrodynamics to the solution of the sum of functional equations.	1938	1	3	377-394
957.	Neronov, N. P. On profiles of airplane wings.	1935	2	2	252-257
958.	Neronov, N. P. On elastic deformations in a cable when lowering the load.	1940	4	1	103-110
959.	Neronov, N. P. On elastic deformations in a lifting cable.	1937	1	1	91-116
960.	Nikitin, A. K. On some properties of the trajectories of a conservative system.	1948	12	1	23-28
961.	Nikolai, E. L. On the problem of stability of a twisted bar.	1929	1		41-58
962.	[Nikolai, E. L.] On the sixtieth birth anniversary of the distinguished scientist and engineer Prof. Dr. E. L. Nikolai (editorial).	1941	5	1	3-10
963.	Nikolai, E. (review) Krylov, A. N. and Krutkov, Iu. A. The general theory of gyroscopes and some of their applications.	1933	1	1	145
964.	Nikolai, E. L. The Leningrad mechanical society.	1929	1		90-93
965.	Nikolai, E. L. (review) Loitsianskii, L. G. and Lur'e, A. I. Theoretical mechanics. Part I. Kinematics (2nd edition), 308 pp., ONTI, 1934. Part II. Dynamics, 452 pp., GTTI, 1933. Part III. Dynamics of a constrained system and theory of vibrations, 624 pp., ONTI, 1934.	1936	3	1	164-165

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966.	Nikolai, E. L. (review) Muskhelishvili, N. I. Some fundamental problems of the mathematical theory of elasticity. Preface by Academician A. N. Krylov.	1935	2	2	322
967.	Nikolai, Evgenii Leopol'dovich. Obituary notice.	1950	14	2	117-119
968.	Nikolai, E. L. On the motion of a balanced gyroscope with a universal joint.	1939	3	4	3-34
969.	Nikolai, E. L. On the article by Prof. G. B. Shchipanov 'Theory and methods of design of automatic control mechanisms'.	1942	6	1	111-114
970.	Nikolai, E. L. Prof. I. V. Meshcherskii. Obituary notice.	1936	3	1	3-4
971.	Nikolai, E. L. List of scientific publications. 26 titles.	1941	5	1	7-8
972.	Nikolai, E. L. List of scientific publications. 45 titles.	1950	14	2	119-120
973.	Nikol'skii, A. A. and Taganov, G. I. Motion of a gas in a local supersonic zone and some conditions for the destruction of potential flow.	1946	10	4	481-502
973a.	Nikol'skii, A. A. On the lifting characteristics and induced drag of a wing-fuselage system.	1957	21	2	189-194
974.	Nikol'skii, A. A. On a property of supersonic flow of a gas along a cylindrical segment of a tube.	1946	10	5-6	667-668
975.	Nikol'skii, A. A. Plane-parallel flow past a vortex with free boundaries.	1944	8	6	425-440
976.	Nikulin, N. A. An instrument for the tracing of circular curves of third order with a double point.	1940	4	4	121-124
977.	Novozhilov, V. V. Some remarks on account of the theory of shells.	1941	5	3	375-382
978.	Novozhilov, V. V. On a class of combined loading which is characterized by a preservation of the directions of the principal axes.	1954	18	4	415-424
979.	Novozhilov, V. V. and Finkel'shtein, R. On the incorrectness of Kirchhoff's hypotheses in the theory of shells.	1943	7	5	331-340
980.	Novozhilov, V. V. On the principles of analyzing the results of a statistical investigation of isotropic materials.	1951	15	6	709-722
981.	Novozhilov, V. V. On the relation between stresses and deformations in a nonlinear elastic medium.	1951	15	2	183-194
982.	Novozhilov, V. V. On the physical meaning of stress invariants used in the theory of plasticity.	1952	16	5	617-619
982a.	Novozhilov, V. V. On the center of flexure.	1957	21	2	281-284
983.	Novozhilov, V. V. On an approximate method of solving boundary value problems of ordinary differential equations.	1952	16	3	305-318
984.	Novozhilov, V. V. See Zenova, E. F. and Novozhilov, V. V.				
985.	Novoselov, V. S. See Linnik, Iu. V. and Novoselov, V. S.				
986.	Nudel'man, Ia. L. Integral equations in the theory of longitudinal bending.	1936	3	1	23-30
987.	Nudel'man, Ia. L. On the theory of stability of ideal frames.	1942	6	1	89-90
988.	Nudel'man, Ia. L. Stability of elastically supported beams.	1939	3	4	35-48
989.	Nuzhin, S. G. On the theory of flow of a gas past bodies at large subsonic velocities.	1946	10	5-6	657-666
990.	Nuzhin, S. G. Generation of potential flow of an incompressible fluid past wing profiles of arbitrary form.	1947	11	1	55-64

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991.	Numerov, S. N. On the influence of infiltration or evaporation of water with a free surface in the analysis of the motion of ground water.	1940	4	5-6	11-18
992.	Numerov, S. N. Solution of problems of filtration without interspace of leakage and infiltration or evaporation of water from free surfaces.	1942	6	1	75-86
993.	Obmorshev, A. N. Analysis of phase trajectories at infinity.	1950	14	4	383-390
994.	Obukhov, A. M. and Iaglom, A. M. The micro-structure of turbulent flow.	1951	15	1	3-26
995.	Obukhov, A. M. On the distribution of the measure of turbulence in flows of arbitrary cross-section.	1942	6	2-3	209-220
996.	Obukhov, V. M. On methods in the use of sampling.	1947	11	4	485-488
997.	Ovsiannikov, L. M. On a gas flow with a straight line of transition.	1949	13	5	537-542
998.	Ogibalov, P. M. On the propagation of visco-plastic flow taking into account hardening in the case of rotation and shear.	1941	5	1	13-30
999.	Ogibalov, P. M., Rabinovich, A. L. and Fedotov, N. M. On reaction forces between a rope and pulley.	1939	3	3	111-124
1000.	From the publisher. On the purpose of annals [symposia]. Applied mathematics and mechanics.	1933	1	1	4
1001.	From the editor. (On the article by N. K. Kulikov.)	1953	17	2	260
1002.	From the editorial committee.	1929	1		3-4
1003.	From the Central Committee of the Communist Party of the Soviet Union, Council of Ministers of the USSR and the Presidium of the Supreme Soviet of the USSR. (On the death of I. V. Stalin.)	1953	17	2	—
1004.	Ostroumov, G. A. See Vertgeim, B. A. and Ostroumov, G. A.				
1005.	Okhotsimskii, D. E. On the theory of the motion of a body with cavities partially filled with a liquid.	1956	20	1	3-20
1006.	Okhotsimskii, D. E. On the theory of motion of rockets.	1946	10	2	251-272
1007.	Pavlin, A. K. On a case of the integration of the equations of motion of a viscous fluid with a variable coefficient of viscosity.	1955	19	5	635-638
1008.	Pavlov, A. T. Steady motion of ground water with two layers of a liquid of different density.	1942	6	2-3	221-228
1009.	Pavlov, E. See Astrov, V. and Pavlov, E.				
1010.	Palechek, E. M. On the problem of calculating the trajectories of the centers of gravity of artillery shells.	1951	15	1	83-96
1010a.	Palechek, E. M. Approximate integration of the equations of exterior ballistics by the method of S. A. Kazakov along vertical parameters.	1952	16	4	503-510
1011.	Panichkin, I. A. On the problem of the influence of the boundaries of a flow of circular cross-section upon the aerodynamic characteristics of a wing.	1945	9	2	171-178
1012.	Panichkin, I. A. On the theory of a wing in a flow with a circular cross-section.	1945	9	4	312-317
1013.	Panichkin, I. A. On forces acting upon a vibrating wing profile in supersonic gas flow.	1947	11	1	165-170
1014.	Panichkin, I. A. Determination of the circulation along the wing span in an open and a semi-open flow of rectangular cross-section.	1946	10	4	529-536
1015.	Panov, D. Iu. On large deflections of circular membranes with a weak corrugation.	1941	5	2	303-318

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1016.	Panov, D. Iu. On torsional vibrations of a bar taking into account elastic hysteresis.	1940	4	1	65-78
1017.	Panov, D. Iu. On the torsion of almost prismatic bars.	1938	2	2	159-180
1018.	Panov, D. Iu. On the torsion of bars whose cross-section is bounded by the curve $x = k\sqrt{y}(1-y)$.	1937	1	1	133-134
1019.	Panov, D. Iu. and Feodos'ev, V. I. On the equilibrium and instability of shallow shells with large deflections.	1948	12	4	389-406
1020.	Panov, D. Iu. On a generalization of the Berstou formula.	1949	13	3	331-332
1021.	Panov, D. Iu. On the stability of a bimetallic shell with heating (On the theory of the thermostatic switch.)	1947	11	6	603-610
1022.	Panov, D. Iu. and Fedos'ev, V. I. A letter to the editor. Correction of the article by the authors 'On the equilibrium and instability of shallow shells'.	1949	13	1	116
1023.	Panov, D. Iu. (review) 1. Popov, E. P. Theory and analysis of flexible elastic components, Edition LK VVIA, 1947, p. 303. 2. Popov, E. P. Nonlinear problems in statics of thin bars. OGIZ, Gostekhizdat, 1948, p. 170.	1949	13	2	223-224
1024.	Panov, D. Iu. Application of the method of Academician B. G. Galerkin to the solution of some nonlinear problems of the theory of elasticity.	1939	3	2	139-142
1025.	Panov, D. Iu. Application of the theory of elastic after-effect of R. Becker to the study of periodic loading.	1946	10	5-6	581-596
1026.	Panov, D. Iu. and Rabotnov, Iu. N. (review) Reiner, M. Ten lectures on theoretical rheology. Transl. from the English by M. P. Volarovich, M. Gostekhizdat, 1947, 134 pp.	1949	13	3	334-335
1027.	Panovko, Ia. G. On the construction of the general solution of the problem of forced vibrations of a system with several degrees of freedom.	1941	5	1	103-108
1028.	Panovko, Ia. G. On the analysis of elastic systems subjected to variable loadings.	1943	7	5	375-378
1029.	Panferov, V. M. On the applicability of variational methods to problems of the theory of small elastic-plastic deformations.	1952	16	3	319-322
1030.	Panferov, V. M. On the convergence of the method of elastic solutions in the theory of elastic-plastic deformations of shells.	1949	13	1	79-94
1031.	Panferov, V. M. On the convergence of the method of elastic solutions in the problem of elastic-plastic bending of plates.	1952	16	2	195-212
1032.	Panferov, V. M. See Lekhnitskii, S. G. and Panferov, V. M.				
1033.	Papkovich, P. (review) Bulletin of the scientific research institute of naval ship constructions VMS-RKKA, no. 1, Jan. 1933, 242 pp.	1933	1	2	327-328
1034.	Papkovich, P. F. Derivation of the basic relations of the plane problem of the theory of elasticity from the general integral of the Lamé equations.	1937	1	2	147-154
1035.	Papkovich, P. (review) Galerkin, B. G. Elastic thin plates.	1935	2	2	323
1036.	Papkovich, P. F. Two problems of the theory of bending of thin elastic plates.	1941	5	3	359-374

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1037.	Papkovich, P. F. On the question of the analogy between the plane problem of the theory of elasticity and the problem of an axially symmetric deformation.	1939	3	3	45-66
1038.	Papkovich, P. F. On the question of applicability of the process of successive approximation to the bending of beams on elastic foundation.	1933	1	2	228-235
1039.	Papkovich, P. F. On the problem of the general case of deformation of prismatic bodies.	1940	4	4	27-36
1040.	Papkovich, P. F. Obituary notice.	1946	10	3	305-307
1041.	Papkovich, P. F. Some remarks on the article by M. G. Krein and F. F. Gantmakher.	1936	3	1	161
1042.	Papkovich, P. F. On transverse vibrations of tubular bridges.	1931	2		14-34
1043.	Papkovich, P. F. On a method of finding the roots of the characteristic determinant.	1933	1	2	314-318
1044.	Papkovich, P. F. Review of some general solutions of the basic static differential equations of an isotropic elastic body.	1937	1	1	117-132
1045.	Papkovich, P. F. The general integral of thermal stresses. (In reference to the article by N. N. Lebedev 'Thermal stresses and the theory of elasticity').	1937	1	2	245-246
1046.	Papkovich, P. F. An outline of the development and the present state of the problem of vibration of vessels.	1933	1	1	97-124
1047.	Papkovich, P. F. (review) Annals of the scientific research institute of naval ship construction, no. 2, 1934, 221 pp.	1935	2	2	323-324
1048.	Papkovich, P. F. (review) Annals on the theory of structures. Published by the Leningrad division of the All-Union institute of structures, Leningrad, Kubuch, 1932, 120 pp.	1933	1	2	326-327
1049.	Papkovich, P. F. List of scientific works.	1946	10	3	308-312
1050.	Papkovich, P. (review) Umanskii, A. A. A special course in structural mechanics. Part I, 1935.	1937	1	1	142
1051.	Paskevich, V. S. On a property of control diagrams necessary for flow control.	1953	17	4	513-516
1052.	Leading article. Editorial.	1947	11	5	497-498
1053.	Leading article. A portrait.	1950	14	1	3-5
1054.	Perel'man, Ia. I. B. G. Galerkin's method in variational calculus and the theory of elasticity.	1941	5	3	345-356
1055.	Perel'mutr, A. S. Experimental study of the influence of damping on the characteristics of ship heaving.	1946	10	1	67-74
1056.	Perzhnianko, E. A. On vertical oscillations of a body floating on the surface of a liquid between two parallel walls, and on the resulting waves.	1956	20	3	362-372
1057.	Persidskii, K. P. On the spectrum of characteristic numbers.	1950	14	6	635-650
1058.	Persidskii, K. P. On a system of computing partial differential equations.	1950	14	1	23-44
1059.	Persidskii, K. P. On the stability of solutions of an infinite system of equations.	1948	12	5	597-612
1060.	Persidskii, K P. Uniform stability to the first approximation.	1949	13	3	229-250
1060a.	Petrov, G. I. An estimate of the accuracy of the approximate calculation of characteristic values by Galerkin's method.	1957	21	2	184-188

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1061.	Petrov, G. I. Application of Galerkin's method to the problem of the stability of flow of a viscous fluid.	1940	4	3	3-12
1062.	Petukhov, I. V. Non-inertial laminar flow of a viscous gas in two-dimensional channels.	1954	18	4	385-398
1063.	Pivovarov, A. M. Tangential stress concentration in torsion of prismatic bars.	1953	17	2	253-259
1064.	Pilatovskii, V. P. On the computation of pressure functions and discharge functions in the case of filtration of an elastic liquid in a stratum.	1953	17	2	179-188
1065.	Pirverdian, A. M. Motion of a two-phase incompressible mixture in a porous medium.	1952	16	6	711-714
1066.	Pirverdian, A. M. Motion of a compressible liquid in a porous medium obeying the laws of turbulence.	1952	16	1	119-120
1067.	Pirverdian, A. M. On the motion of base water in slightly inclined strata.	1952	16	2	223-226
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1069.	Pliss, V. A. A qualitative illustration of integral curves on the whole and the construction of the region of stability of a system of two differential equations with arbitrary accuracy.	1953	17	5	541-554
1070.	Pozhalostin, A. I. and Riz, P. M. On the theory of lateral bending in the nonlinear theory of elasticity.	1942	6	5	375-380
1071.	Pozharitskii, G. K. On unsteady motion of conservative holonomic systems.	1956	20	3	429-433
1072.	Pozharitskii, G. K. On the characteristic number of the vanishing solution of the equations of perturbed motion.	1955	19	4	481-484
1072a.	Pozharitskii, G. K. On the stability of dissipative systems.	1957	21	4	503-512
1073.	Polozhii, G. N. Solution of the third fundamental problem of the plane theory of elasticity for an infinite plane with a square opening.	1949	13	3	297-306
1074.	Polubarinova-Kochina, P. Ia. On the problem of stability of a plate.	1936	3	1	16-22
1075.	Polubarinova-Kochina, P. Ia. On the hydraulic theory of wells in a multi-layered medium.	1947	11	3	357-362
1076.	{Polubarinova-Kochina, P. Ia.} On the fiftieth birth anniversary of P. Ia. Polubarinova-Kochina.	1949	13	3	225-228
1077.	Polubarinova-Kochina, P. Ia. On the theory of unsteady motions in a multi-layered medium.	1951	15	4	511-514
1078.	Polubarinova-Kochina, P. Ia. Scientific works of S. V. Kovalevskaia.	1950	14	3	229-235
1079.	Polubarinova-Kochina, P. Ia. Some two-dimensional problems of the theory of filtration of a gas in a coal bearing stratum.	1954	18	1	1-14
1080.	Polubarinova-Kochina, P. Ia. (review) Nel'son-Skorniakov, F. B. Filtration in a homogeneous medium, 2nd edition.	1950	14	2	224-228
1081.	Polubarinova-Kochina, P. Ia. On dynamics of ground water during storms.	1951	15	6	649-654
1082.	Polubarinova-Kochina, P. Ia. On a lens of fresh water over salt water.	1956	20	3	418-420
1083.	Polubarinova-Kochina, P. Ia. On inclined and horizontal shafts of finite length.	1956	20	1	95-108
1083a.	Polubarinova-Kochina, P. Ia. On some unsteady motions of 'shallow waters'.	1957	21	6	783-794

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1085.	Polubarinova-Kochina, P. Ia. On unsteady filtration of a gas in a coal stratum.	1953	17	6	734-738
1086.	Polubarinova-Kochina, P. Ia. On unsteady motion of ground water with filtration from reservoirs.	1949	13	2	187-206
1087.	Polubarinova-Kochina, P. Ia. On the direct and inverse problems of hydraulics of an oil stratum.	1943	7	5	361-374
1088.	Polubarinova-Kochina, P. Ia. On filtration in an anisotropic ground.	1940	4	2	101-104
1089.	Polubarinova-Kochina, P. Ia. On filtration under a hydraulic structure in a multilayered medium.	1941	5	2	287-302
1090.	Polubarinova-Kochina, P. Ia. On sources and sinks on a surface.	1950	14	1	57-64
1091.	Polubarinova-Kochina, P. Ia. A study of filtration through an earth dam.	1940	4	1	53-64
1092.	Polubarinova-Kochina, P. Ia. and Fal'kovich, S. V. Theory of filtration of liquids in porous media.	1947	11	6	629-674
1093.	Polubarinova-Kochina, P. Ia. See Kazarnovskaia, B. E. and Polubarinova-Kochina, P. Ia.				
1094.	Polubarinova-Kochina, P. Ia. See Kalinin, N. K. and Polubarinova-Kochina, P. Ia.				
1095.	Polubarinova-Kochina, P. Ia. See Kochina, I. N. and Polubarinova-Kochina, P. Ia.				
1096.	Popov, E. P. Large displacements of flexible circular beams under concentrated loads.	1939	3	4	49-84
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1098.	Popov, E. P. On the study of settling of non-cylindrical coil springs.	1940	4	1	111-120
1099.	Popov, E. P. Symmetrical bending under concentrated loads of a ring having a low rigidity.	1939	3	2	105-138
1100.	Popov, S. M. On the extension of the method of relaxation of the boundary conditions to stability of rectilinear plates beyond the elastic limit.	1951	15	1	103-106
1101.	Popov, S. M. On the cylindrical form of instability of plates beyind the elastic limit.	1950	14	5	543-552
1102.	Postnikov, V. N. See Lur'e, A. N. and Postnikov, V. N.				
1103.	Prager, W. A new mathematical theory of plasticity. (W. Prager, in English.)	1941	5	3	419-430
1104.	Prager, W. Stability of plane frame structures. (In German: Die Knicksicherheit ebener Rahmentragwerke.)	1937	1	1	15-31
1105.	Prager, W. See Handel'men and Prager, W.				
1106.	Prokopov, V. K. Bending of a circular plate due to an axisymmetric loading.	1950	14	5	527-536
1107.	Prokopov, V. K. On a plane problem of the theory of elasticity for a rectangular region.	1952	16	1	45-56
1108.	Prokopov, V. K. Equlibrium of an elastic axisymmetrically loaded thick-walled cylinder.	1949	13	2	135-144
1109.	Prokopovich, I. E. On the solution of the plane contact problem taking into account creep.	1956	20	6	680-687
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1111.	Proskuriakov, A. P. Theory of a lifting rotor with zero angle of attack.	1956	20	4	519-531
1112.	Proskuirakov, A. P. On the computation of some sums in the theory of Hill's equation.	1947	11	5	563-564
1113.	Proskuriakov, A. P. Characteristic numbers of the solutions of a second order differential equation with periodic coefficients.	1946	10	5-6	545-558
1114.	Proshko, V. M. On an electric device for the solution of systems of linear algebraic equations.	1939	3	4	195-206
1115.	Prusakov, A. P. Basic equations of bending and stability of three-layered plates with a light filler.	1951	15	1	27-36
1116.	Pugachev, V. S. An analytical method of solving the fundamental problem of exterior ballistics of an aerial bomb.	1943	7	1	41-48
1117.	Pugachev, V. S. The problem of exterior ballistics of an aerial bomb.	1942	6	4	281-286
1118.	Pugachev, V. S. Remarks on exterior ballistics of projectiles and aerial bombs.	1942	6	5	347-368
1119.	Pugachev, V. S. On an approximate method of solving the fundamental problem of exterior ballistics.	1941	5	2	263-266
1120.	Pugachev, V. S. Generalization of the problem of curved pursuit.	1946	10	4	525-528
1121.	Pugachev, V. S. An estimate of the error in the approximate representation of the integrals of linear differential equations containing a parameter by the first terms of their asymptotic expansions.	1942	6	2-3	203-208
1122.	Pugachev, V. S. An approximate method of analyzing two-dimensional nonlinear oscillations of a projectile with tail assembly.	1946	10	1	139-152
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1126.	Pykhteev, G. N. Determination of two-dimensional potential motion of an incompressible fluid in terms of given velocity directions.	1954	18	3	379-380
1127.	Pykhteev, G. N. Solution of the inverse problem of the plane cavitational flow over an arch.	1956	20	3	373-381
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1129.	Rabinovich, B. I. On the equations of perturbed motion of a rigid body with a cavity partially filled with a liquid.	1956	20	1	39-50
1130.	Rabotnov, Iu. N. Stresses in a rotating disc equipped with a diametral rib.	1939	3	1	67-74
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1133.	Rabotnov, Iu. N. On a disc of uniform resistance.	1948	12	4	463-464
1134.	Rabotnov, Iu. N. On the publications by I. A. Oding in the field of creep and relaxation.	1950	14	2	218-224
1135.	Rabotnov, Iu. N. The approximate engineering theory of elastic-plastic shells.	1951	15	2	167-174
1136.	Rabotnov, Iu. N. Equilibrium of an elastic medium with after-effect.	1948	12	1	53-62
1136a.	Rabotnov, Iu. N. and Shesterikov, S. A. Stability of bars and plates under creep conditions.	1957	21	3	406-412
1137.	Rabotnov, Iu. N. See Panov, D. Iu. and Rabotnov, Iu. N. (review).				
1138.	Radtsig, M. A. See Dzhanelidze, G. Iu. and Radtsig, M. A.				
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1324.	Spasskii, R. A. On a certain class of control systems.	1954	18	3	329-344
1324a.	Sretenskii, L. N. Remarks to the article 'On directed wave radiation from a region subjected to external pressure', PMM, vol. 20, no. 3, 1956.	1957	21	4	595-596
1325.	Sretenskii, L. N. On gravitational vibrations of a gas sphere.	1940	4	5-6	87-104
1326.	Sretenskii, L. N. On the heating of a flowing fluid by rigid walls.	1935	2	2	163-179
1327.	Sretenskii, L. N. On directed wave radiation from a region subjected to external pressure.	1956	20	3	349-361
1328.	Sretenskii, L. N. See Girs, I. V. and Sretenskii, L. N.				
1329.	Starzhinskii, V. M. Sufficient conditions for the stability of a mechanical system with one degree of freedom.	1952	16	3	369-374
1330.	Starzhinskii, V. M. A remark on the analysis of the stability of periodic motions.	1955	19	1	119-120
1331.	Starzhinskii, V. M. On self-excited oscillations of a lagging electric conductor.	1949	13	1	41-50
1332.	Starzhinskii, V. M. On the stability of unsteady motions in one particular case.	1952	16	4	500-504
1333.	Starzhinskii, V. M. On the stability of unsteady motions in a special case.	1955	19	4	471-480
1334.	Starzhinskii, V. M. On the stability of a mechanical system with one degree of freedom.	1953	17	1	117-122
1334a.	Starzhinskii, V. M. On the stability of periodic motions in one special case.	1957	21	5	720-722
1335.	Starzhinskii, V. M. Review of publications on conditions for the stability of the trivial solution of a system of linear differential equations with periodic coefficients.	1954	18	4	469-510
1336.	Stepanenko, I. Z. See Zvolinskii, N. V., Ishlinskii, A. Iu. and Stepanenko, I. Z.				
1337.	Stepanov, V. (review) Malkin, I. G. Liapunov's methods in the theory of nonlinear vibrations. (Contemporary problems of mechanics.) M. Gostekhizdat, 1949, pp. 243.	1949	13	4	463-464
1338.	Stepanov, Viacheslav Vasil'evich. Obituary notice.	1950	14	6	565-568
1339.	Stepanov, V. V. On solutions of a linear equation with periodic coefficients taking into account a periodic disturbing force.	1950	14	3	311-312
1340.	Stepanov, V. V. Important dates in the life of V. V. Stepanov.	1950	14	6	572
1341.	Stepanov, V. V. List of publications by V. V. Stepanov.	1950	14	6	569-571
1342.	Stepanov, G. Iu. Construction of double-row cascades by the method of the velocity hodograph.	1953	17	5	593-598
1343.	Stepanov, G. Iu. Construction of a cascade with the velocity distribution given on the circumference of a cascade of discs.	1953	17	6	727-734
1344.	Stepanov, G. Iu. See Samoilovich, G. S. and Stepanov, G. Iu.				
1345.	Stepanov, E. I. On slow rotation of bodies in a viscous incompressible fluid.	1946	10	5-6	673-675
1346.	Stepanov, E. I. On the integration of the laminar boundary equations for a motion with axial symmetry.	1947	11	1	203-204

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1346a.	Stepanov, R. D. On flutter of cylindrical shells and panels moving in a gas stream.	1957	21	5	644-657
1347.	Stepaniants, L. G. Analysis of the laminar boundary layer on bodies of revolution.	1942	4	4	317-326
1348.	Strakhovich, K. I. Hydromechanics of the viscous liquid. Part II.	1935	2	2	287-303
1349.	Strakhovich, K. I. On the problem of one-dimensional steady motion of a gas in pipes.	1933	1	1	47-50
1350.	Strakhovich, K. I. Classical hydromechanics of a viscous liquid.	1934	2	1	127-142
1351.	Strakhovich, K. (review) Milovich, A. Ia. Fundamentals of fluid dynamics (hydrodynamics). Energoizdat, Moscow-Leningrad, 1933, 157 pp.	1934	2	1	151-152
1352.	Strakhovich, K. I. On a case of motion of a viscous fluid in space.	1934	2	1	74-81
1353.	Strakhovich, K. I. On simplified equations of motion of a viscous compressible fluid.	1931	2		67-78
1354.	Strakhovich, K. I. Review of the article by Schlichting: Laminar streamline flow. (Laminare Strahlausbreitung; Z. Angew. Math. u. Mech. 1933, Bd. 13, H. 4, S. 260.)	1934	2	1	149
1355.	Surkin, R. G. See Mushtari, Kh. M. and Surkin, R. G.				
1356.	Taganov, G. I. On drag connected with the creation of lift at supersonic flight speed.	1956	20	3	382-394
1357.	Taganov, G. I. See Nikol'skii, A. A. and Taganov, G. I.				
1358.	Taganov, G. I. See Ryzhov, O. S. and Taganov, G. I.				
1359.	Tarapov, I. E. Solution of the problem of the motion of a viscous gas between two moving parallel plates with heat transfer.	1955	19	3	325-330
1360.	Tarasov, V. N. See Gukhman, A. A. and Tarasov, V. N.				
1361.	Tatarenchik, V. S. On some particular solutions of the equations of gas dynamics.	1944	8	5	401-412
1362.	Theory of bending of thick and thin plates. Bibliography of works published in the USSR. (69 titles.)	1948	12	1	126-128
1363.	Theory of filtration of liquids in porous media. Bibliography.	1947	11	6	668-674
1364.	Tkachev, L. I. On the 84-minute period for systems with constrained and free gyroscopes.	1949	13	2	217-218
1365.	Tovstolev, F. (review) Evreinov, V. N. Hydraulics. Lengostranizdat, 1933, 366 pp.	1934	2	1	152
1366.	Tolokonnikov, L. A. Finite symmetrical deformations of a strip.	1954	18	5	619-626
1367.	Tolokonnikov, L. A. On stress deformation relations in the nonlinear theory of elasticity.	1956	20	3	439-444
1367a.	Tolokonnikov, L. A. Equations of the nonlinear theory of elasticity in terms of displacements.	1957	21	6	815-822
1368.	Topolianskii, D. B. On the application of variational methods in the approximate solution of boundary value problems of elliptic differential equations.	1949	13	3	317-320
1369.	Topolianskii, D. B. On the application of effective methods of conformal mapping to the solution of a problem of bending of bars.	1940	4	2	123-124
1370.	Topolianskii, D. B. On the evaluation of the Dirichlet integral.	1947	11	5	551-554

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1372.	The third international congress on engineering mechanics.	1931	2		102
1373.	Гroitskii, V. A. On the problem of self-excited oscillations in systems of automatic control with two constant velocity servo-motors.	1956	20	5	627-638
1374.	Гroitskii, V. A. On canonical transformations of the equations of the theory of automatic control.	1953	17	1	49-60
1374a.	Гroitskii, V. A. On canonical transformations of the equations of the theory of automatic control with the presence of multiple roots.	1957	21	4	574-577
1375.	Гroitskii, V. A. On the behavior of dynamic systems and systems of automatic control having several control organs in the vicinity of the boundary of the region of stability.	1953	17	6	673-684
1376.	Гumarkin, S. A. Analysis of symmetrically loaded toroidal shells by means of trigonometric series.	1952	16	5	569-574
1377.	Ufland, Ia. S. Bending of plates having the shape of a sector with fixed contours.	1951	15	4	515-518
1378.	Ufland, Ia. S. The contact problem of the theory of elasticity for a punch of circular planform taking into account adhesion.	1956	20	5	578-587
1379.	Ufland, Ia. S. Wave propagation with transverse vibrations of bars and plates.	1948	12	3	287-300
1380.	Ufland, Ia. S. See Grinberg, G. A., Lebedev, N. N. and Ufland, Ia. S.				
1381.	Ufland, Ia. S. See Grinberg, G. A. and Ufland, Ia. S.				
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1382.	Fal'kovich, S. V. On the theory of a wing of finite span in supersonic flow.	1947	11	3	391-394
1383.	Fal'kovich, S. V. On the theory of the Laval nozzle.	1946	10	4	503-512
1384.	Fal'kovich, S. V. On the pressure of a rigid punch upon an elastic half-plane taking into account regions of adhesion.	1956	20	5	578-587
1385.	Fal'kovich, S. V. On the lift of a wing of finite span in supersonic flow.	1947	11	1	171-176
1386.	Fal'kovich, S. V. On one class of Laval nozzles.	1947	11	2	223-230
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1392.	Fediaevskii, K. K. An approximate theoretical determination of additional masses of rectangular plates.	1952	16	3	352-354
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1393.	Feinberg, S. M. The principle of limiting strength.	1948	12	1	63-68
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1397.	Feodos'ev, V. I. See Popov, D. Iu. and Feodos'ev, V. I.				
1398.	Figurnov, N. M. Analysis of the state of stress of a quarter plane loaded by a concentrated force normal to one of the edges.	1939	3	4	135-154
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1399.	Filin, A. P. On a consequence of the variational potential of the theory of elasticity.	1950	14	4	451-452
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1410.	Filonenko-Borodich, M. M. On a certain system of functions and on its application in the theory of elasticity.	1946	10	1	193-208
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1412.	Fishman, I. M. On the motion of a highly viscous liquid between shaft and collar.	1950	14	6	593-610
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1420.	Frankl', F. I. On the influence of acceleration upon the drag in the motion of oblong bodies of revolution in gases.	1946	10	4	521-524
1421.	Frankl', F. I. On the work by Vlasov 'Blast waves'.	1939	3	3	164-168
1422.	Frankl', F. I. Flow past airfoils at subsonic speed with a supersonic region bounded by a straight compression shock.	1956	20	2	196-202
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1427.	Fridman, M. M. Mathematical theory of elasticity of anisotropic media.	1950	14	3	321-340
1428.	Fridman, M. M. On some problems of the theory of bending of isotropic plates.	1941	5	1	93-102
1429.	Fridman, M. M. Solution of the general problem of bending of a thin isotropic elastic plate supported along the edge.	1952	16	4	429-436
1430.	Fufaev, N. A. See Neimark, Iu. I. and Fufaev, N. A.				
1431.	Khalilov, Z. I. Solution of the general problem of bending of a supported elastic plate.	1950	14	4	405-414
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1437.	Khaskind, M. D. Hydrodynamic theory of the heaving of a ship on waves.	1946	10	1	33-66
1438.	Khaskind, M. D. Diffraction of waves around a moving cylindrical vessel.	1953	17	4	431-442
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1440.	Khaskind, M. D. Vibrations of a wing of finite span in supersonic flow.	1955	19	3	371-376
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1451.	Khatsirevich, I. Kh. Application of Weil's method to the solution of the plane static problem of the theory of elasticity.	1942	6	2-3	197-202
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1471.	[Chaplygin, S. A.] List of scientific publications. 48 titles.	1941	5	2	146-148
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1473.	Chaplygin, Iu. S. Hydroplaning on a liquid of finite depth. Comparison of the nonlinear and linear theory.	1941	5	2	223-252
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1477.	Cherevkov, A. P. Longitudinal vibrations on an elastic connection.	1934	2	1	101-108
1478.	Cherevkov, A. P. Theory of stress trajectories.	1938	2	1	69-86
1479.	Chetaev, D. N. On the resistance of a rectangular plate vibrating in an opening of a plane wall.	1951	15	4	439-444
1480.	Chetaev, N. G. A remark on the article 'On the instability of equilibrium in some cases when the force function is not a maximum'. PMM, 1952, vol. 16, no. 1, p. 93.	1954	18	4	512
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1490.	Chetaev, N. G. On the stability of rotation of a rigid body with a fixed point in the Lagrangean case.	1954	18	1	123-124
1491.	Chetaev, N. G. On a Cauchy problem.	1945	9	2	139-142

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1495.	Chetaev, N. G. A theorem on instability for regular systems.	1944	8	4	323-326
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1497.	Shapiro, G. S. Bending of a semi-infinite plate lying on an elastic foundation.	1943	7	4	316-320
1498.	Shapiro, G. S. Some problems on the deformations of bars of variable cross-section.	1953	17	2	249-252
1499.	Shapiro, G. S. On limiting equilibrium of a cohesionless wedge and on the discontinuous solution of the statics of a cohesionless medium.	1952	16	2	253-254
1500.	Shapiro, G. S. On the equilibrium of a cone and a conical shell.	1944	8	4	332-336
1501.	Shapiro, G. S. On stress distribution in an infinite slab.	1944	8	2	167-168
1502.	Shapiro, G. S. On the compression of an infinite hollow circular cylinder by a pressure applied at a portion of the lateral surface.	1943	7	5	379-382
1503.	Shapiro, G. S. On the integration by quadratures of the equations of the plane one-dimensional problem of the theory of plasticity taking into account hardening of the material.	1949	13	6	659-662
1504.	Shapiro, G. S. On the determination of the potential energy of residual deformations.	1952	17	1	114-116
1505.	Shapiro, G. S. (review) Ponomarev, S. D., Biderman, V. L., Likharev, K. K., Makushin, V. M., Malinin, N. N., Feodos'ev, V. I. Fundamentals of modern methods of stress analysis in machine construction. Moscow, 1950.	1950	14	5	563-564
1506.	Shapiro, G. S. Longitudinal vibrations of bars.	1946	10	5-6	597-616
1507.	Shapiro, G. S. Propagation of elastic-plastic waves in bars of variable cross-section.	1952	16	3	335-340
1508.	Shapiro, G. S. Elastic-plastic equilibrium of a wedge and the discontinuous solutions in the theory of plasticity.	1952	16	1	101-106
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Б	б	b	М	м	m	Ч	ч	ch
В	в	v	Н	н	n	Ш	ш	sh
Г	г	g	О	о	o	Щ	щ	shch
Д	д	d	П	п	p	Ъ	ъ	″
Е	е	e	Р	р	r	Ы	ы	y
Ж	ж	zh	С	с	s	Ь	ь	′
З	з	z	Т	т	t	Э	э	e
И	и	i	У	у	u	Ю	ю	iu
Й	й	i	Ф	ф	f	Я	я	ia
К	к	k	Х	х	kh			