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BIBLIOGRAPHY OF SOVIET LASER DEVELOP-
MENTS. NUMBER 13, JULY-SEPTEMBER 1973

Stuart G. Hibben

Informatics, Incorporated

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This is the Soviet Laser Bibliography for the third quarter of 1973 and is No. 13 in the series on Soviet laser developments. The coverage includes basic research on solid state, liquid, and gas lasers; chemical lasers; theoretical aspects of advanced lasers; components; nonlinear optics, spectroscopy of laser materials; ultrashort pulse generation; crystal growing; and general laser theory. Laser applications are listed under biological effects; communications; computer technology; holography; instrumentation and measurements; beam-target interaction; and plasma generation and diagnostics.		

Introduction

This bibliography has been compiled by the staff of Informatics Inc. in response to a continuing contractual assignment to monitor current Soviet-bloc developments in the quantum electronics field. Of all material reviewed, the major yield has been from the approximately 30 periodicals which are known to report the most advanced and interesting findings in Soviet laser technology.

The period covered is the third quarter of 1973, and includes all significant laser-related articles received by us during that interval. The structure and selection criteria are basically those used in the preceding reports.

For convenience we have abbreviated frequently cited source names; a source abbreviation list and an author index are included. Unless indicated by a parenthesized (RZh, LZhS) notation, all cited sources are available at Informatics Inc. The numbers in parentheses following the authors' names in the text refer to the Cumulative Affiliations List which includes all author affiliations from 1969 to the present.

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I. BASIC RESEARCH

A. SOLID STATE LASERS

1. Crystal

a. Ruby

1. Balashov, I. F., V. A. Berenberg, and B. A. Yermakov (0). Microsecond pulse generation with controlled duration in a ruby laser. ZhTF, no. 7, 1973, 1523-1529.
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c. YAG

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- c. ZnTe
22. Zimin, L. G., and V. P. Gribkovskiy (3). Variation of transmissibility in ZnTe single crystal plates under laser excitation. FTP, no. 7, 1973, 1252-1254.

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a. Rhodamine

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a. He-Ne

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b. Hg-He

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2. Molecular Beam and Ion

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134 p. (KL, 31/73, no. 24999)

IV. SOURCE ABBREVIATIONS

AiT	-	Avtomatika i telemekhanika
APP	-	Acta physica polonica
DAN ArmSSR	-	Akademiya nauk Armyanskoy SSR. Doklady
DAN AzSSR	-	Akademiya nauk Azerbaydzhanskoy SSR. Doklady
DAN BSSR	-	Akademiya nauk Belorusskoy SSR. Doklady
DAN SSSR	-	Akademiya nauk SSSR. Doklady
DAN TadSSR	-	Akademiya nauk Tadzhikskoy SSR. Doklady
DAN UkrSSR	-	Akademiya nauk Ukrainskoy SSR. Dopovidi
DAN UzbSSR	-	Akademiya nauk Uzbekskoy SSR. Doklady
DBAN	-	Bulgarska akademiya na naukite. Doklady
EOM	-	Elektronnaya obrabotka materialov
FAiO	-	Akademiya nauk SSSR. Izvestiya. Fizika atmosfera i okeana
FGIV	-	Fizika gorennya i vzryva
FiKhOM	-	Fizika i khimiya obrabotka materialov
F-KhMM	-	Fiziko-khimicheskaya mekhanika materialov
FMiM	-	Fizika metallov i metallovedeniye
FTP	-	Fizika i tekhnika poluprovodnikov
FTT	-	Fizika tverdogo tela
FZh	-	Fiziologicheskiy zhurnal
GiA	-	Geomagnetizm i aeronomiya
GiK	-	Geodeziya i kartografiya
IAN Arm	-	Akademiya nauk Armyanskoy SSR. Izvestiya. Fizika
IAN Az	-	Akademiya nauk Azerbaydzhanskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk

IAN B	-	Akademiya nauk Belorusskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IAN Biol	-	Akademiya nauk SSSR. Izvestiya. Seriya biologicheskaya
IAN Energ	-	Akademiya nauk SSSR. Izvestiya. Energetika i transport
IAN Est	-	Akademiya nauk Estonskoy SSR. Izvestiya. Fizika matematika
IAN Fiz	-	Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya
IAN Fizika zemli	-	Akademiya nauk SSSR. Izvestiya. Fizika zemli
IAN Kh	-	Akademiya nauk SSSR. Izvestiya. Seriya khimicheskaya
IAN Lat	-	Akademiya nauk Latviyskoy SSR. Izvestiya
IAN Met	-	Akademiya nauk SSSR. Izvestiya. Metally
IAN Mold	-	Akademiya nauk Moldavskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk
IAN SO SSSR	-	Akademiya nauk SSSR. Sibirskoye otdeleniye. Izvestiya
IAN Tadzh	-	Akademiya nauk Tadzhiksoy SSR. Izvestiya. Otdeleniye fiziko-matematicheskikh i geologo-khimicheskikh nauk
IAN TK	-	Akademiya nauk SSSR. Izvestiya. Tekhnicheskaya kibernetika
IAN Turk	-	Akademiya nauk Turkmenskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh, i geologicheskikh nauk
IAN Uzb	-	Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IBAN	-	Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na fizicheskaya institut s ANEB
I-FZh	-	Inzhenerno-fizicheskiy zhurnal

IIR	-	Izobretatel' i ratsionalizator
ILEI	-	Leningradskiy elektrotekhnicheskiy institut. Izvestiya
IT	-	Izmeritel'naya tekhnika
IVUZ Avia	-	Izvestiya vysshikh uchebnykh zavedeniy. Aviatsionnaya tekhnika
IVUZ Cher	-	Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya
IVUZ Energ	-	Izvestiya vysshikh uchebnykh zavedeniy. Energetika
IVUZ Fiz	-	Izvestiya vysshikh uchebnykh zavedeniy. Fizika
IVUZ Geod	-	Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos'yemka
IVUZ Geol	-	Izvestiya vysshikh uchebnykh zavedeniy. Geologiya i razvedka
IVUZ Gorn	-	Izvestiya vysshikh uchebnykh zavedeniy. Gornyy zhurnal
IVUZ Mash	-	Izvestiya vysshikh uchebnykh zavedeniy. Mashinostroyeniye
IVUZ Priboro	-	Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye
IVUZ Radioelektr	-	Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika
IVUZ Radiofiz	-	Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika
IVUZ Stroi	-	Izvestiya vysshikh uchebnykh zavedeniy. Stroitel'stvo i arkhitektura
KhVE	-	Khimiya vysokikh energiy
KiK	-	Kinetika i kataliz
KL	-	Knizhnaya letopis'
KLDV	-	Knizhnaya letopis'. Vypolnitel'nyy vypusk
Kristal	-	Kristallografiya
KSpF	-	Kratkiye soobshcheniya po fizike

LC	-	Received at Library of Congress
LZhS	-	Letopis' zhurnal'nykh statey
MiTOM	-	Metallovedeniye i termicheskaya obrabotka materialov
MP	-	Mekhanika polimerov
MTT	-	Akademiya nauk SSSR. Izvestiya. Mekhanika tverdogo tela
MZhiG	-	Akademiya nauk SSSR. Izvestiya. Mekhanika zhidkosti i gaza
NK	-	Novyye knigi
NM	-	Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy
NTO SSSR	-	Nauchno-tekhnicheskiye obshchestva SSSR
OiS	-	Optika i spektroskopiya
OMP	-	Optiko-mekhanicheskaya promyshlennost'
Otkr izobr	-	Otkrytiya, izobreteniya, promyshlennyye obraztsy, tovarnyye znaki
PF	-	Postepy fizyki
Phys abs	-	Physics abstracts
PM	-	Prikladnaya mekhanika
PMM	-	Prikladnaya matematika i mekhanika
PSS	-	Physica status solidi
PSU	-	Pribory i sistemy upravleniya
PTE	-	Pribory i tekhnika eksperimenta
Radiotekh	-	Radiotekhnika
RiE	-	Radiotekhnika i elektronika
RZhAvtom	-	Referativnyy zhurnal. Avtomatika, telemekhanika i vychislitel'naya tekhnika
RZhElektr	-	Referativnyy zhurnal. Elektronika i yeye primeneniye

RZhF	-	Referativnyy zhurnal. Fizika
RZhFoto	-	Referativnyy zhurnal. Fotokinotekhnika
RZhGeod	-	Referativnyy zhurnal. Geodeziya i aeros'yemka
RZhGeofiz	-	Referativnyy zhurnal. Geofizika
RZhKh	-	Referativnyy zhurnal. Khimiya
RZhMekh	-	Referativnyy zhurnal. Mekhanika
RZhMetrolog	-	Referativnyy zhurnal. Metrologiya i izmeritel'naya tekhnika
RZhRadiot	-	Referativnyy zhurnal. Radiotekhnika
Sb1	-	Sbornik. Kvantovaya elektronika, no. 2(14), Moskva, 1973.
Sb2	-	Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya. Sovremennyye sostoyaniye i perspektivy vysokoskorostnoy fotografii i kinematografii i metrologiya bystroproteka-yushchikh protsessov. Tezisy dokladov. Moskva, 1972.
Sb3	-	Poluprovodnikovyye pribory v tekhnike elektrosvyazi, no. 11, Moskva, Svyaz', 1973.
Sb4	-	Khimicheskiye svoystva soyedinennykh redkozemel'nykh elementov. Moskva, Nauka, 1973.
Sb5	-	Vsesoyuznyy simpozium po vrashchatel'ny'm spektram molekul. 1st. 1969. Materialy. Baku, 1972.
Sb6	-	Goreniye i vzryv. Moskva, Nauka, 1972.
Sb7	-	Respublikanskaya konferentsiya molodykh uchenykh po fizike. 2nd. Materialy. Institut fiziki AN BSSR, 1972, no. 3, Minsk, 1972.
Sb8	-	Metrologiya neytron izluchenykh na reaktorakh i uskoritelyakh. Vol. 1, Moskva, Izd-vo Standartov, 1972.
Sb9	-	Zimnaya shkola LIYaF po fizike yadra i elementarnykh chastits. 8th. 1973. Part 1. Materialy. Leningrad, 1973.
Sb10	-	Teplo- i massoperenos. Vol. 9, Part 2. Minsk, 1972.
Sb11	-	Optika okeana i atmosfery. Leningrad, Nauka, 1972.
Sb12	-	Proyektirovaniye, no. 5. Moskva, 1972.

Sbl3	-	Nauchno-tekhnicheskaya konferentsiya posvyashchennaya dnyu radio. 19th. Doklady. Tomsk, 1972.
Sbl4	-	Aerofotos''yemka -- metod izucheniya prirodnoy sredy. Leningrad, Nauka, 1973.
Sbl5	-	Radiotekhnika, no. 24, Khar'kov, 1973.
Sbl6	-	Radiotekhnika, no. 25, Khar'kov, 1973.
Sbl7	-	Monokristally i tekhnika, no. 7, Khar'kov, 1972.
Sbl8	-	Primeneniye optiko-elektronnykh priborov v izmeritel'noy tekhnike. Moskva, 1973.
Sbl9	-	Avtomatizatsiya nauchnykh issledovaniy na osnove primeneniya ETsVM. Novosibirsk, 1971.
Sb20	-	Tekhnika vysokikh napryazheniy. Tomsk, Tomskiy universitet, 1973.
Sb21	-	Sovremennaya tekhnologiya priborostroyeniya, no. 8, 1972.
Sb22	-	Avtomatizatsiya kontrolya v mashinostroyenii. Omsk, 1972(1973).
Sb23	-	Voprosy geodezicheskikh obespechnykh gravirazvedochnykh rabot. Alma-Ata, 1973.
Sb24	-	Aerofizicheskiye issledovaniya. Novosibirsk, 1972.
Sb25	-	Fizika plasmy i problemy upravlyayemogo termoyadernogo sinteza, no. 4, 1973.
Sb26	-	Problemy teorii plazmy. Kiyev, 1972.
SovSciRev	-	Soviet Science Review
TiEKh	-	Teoreticheskaya i eksperimental'naya khimiya
TKiT	-	Tekhnika kino i televideniya
TMF	-	Teoreticheskaya i matematicheskaya fizika
Tr1	-	Universitet druzhby narodov im. Patrisa Lumumby. Trudy, no. 62, 1972.
Tr2	-	Voronezhnyy politekhnicheskii institut. Sbornik trudov, no. 5, 1972.
Tr3	-	Fiziko-tekhnicheskii institut nizkikh temperatur AN UkrSSR. Trudy, no. 20, 1972.

Tr4	-	Ryazanskiy radiotekhnicheskiy institut. Trudy, no. 37, 1972.
Tr5	-	Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana. Trudy, no. 154, 1972.
Tr6	-	Trudy metrologicheskikh institutov SSSR. Khar'kovskiy NII metrologii, no. 7, 1972.
Tr7	-	Leningradskiy institut aviatsionnogo priborostroyeniya. Trudy, no. 76, 1972.
Tr8	-	Samarkandskiy universitet. Trudy, no. 223, 1972.
Tr9	-	Nauchno-issledovatel'skiy proyektnyy institut redkometallicheskooy promyshlennosti. Nauchnyye trudy, no. 45, 1972.
Tr10	-	VNII meditsinskogo priborostroyeniya. Trudy, no. 3, 1972.
Tr11	-	Leningradskiy gos universitet. Uchenyye zapiski, no. 363, 1973.
Tr12	-	Tsentral'naya aerologicheskaya observatoriya. Trudy, no. 105, 1973.
Tr13	-	Leningradskiy institut aviatsionnogo priborostroyeniya. Trudy, no. 79, 1973.
Tr14	-	Novosibirskiy institut inzhenerov geodezii, aerofotos''-yemki i kartografii. Trudy, no. 26, 1972.
Tr15	-	Leningradskiy korablestroitel'stvyi institut. Trudy, no. 77, 1972.
Tr16	-	Sovetskaya Antarkticheskaya ekspeditsiya. Trudy, no. 59, 1973.
Tr17	-	Ural'skiy politekhnicheskiy institut. Trudy, no. 215, 1973.
Tr18	-	Institut mekhaniki Moskovskogo universiteta, no. 20, 1973.
TVT	-	Teplofizika vysokikh temperatur
UFN	-	Uspekhi fizicheskikh nauk
UFZh	-	Ukrainskiy fizicheskii zhurnal
UMS	-	Ustalost' metallov i splavov

UNF	-	Uspekhi nauchnoy fotografii
VAN	-	Akademiya nauk SSSR. Vestnik
VAN BSSR	-	Akademiya nauk Belorusskoy SSR. Vestnik
VAN KazSSR	-	Akademiya nauk Kazakhskoy SSR. Vestnik.
VBV	-	Belorusskiy universitet. Vestnik
VDNKh SSSR	-	VDNKh SSSR. Informatsionnyy byulleten'
VLU	-	Leningradskiy universitet. Vestnik. Fizika, Khimiya
VMU	-	Moskovskiy universitet. Vestnik. Seriya fizika, astronomiya
ZhETF	-	Zhurnal eksperimental'noy i teoreticheskoy fiziki
ZhETF P	-	Pis'ma v Zhurnal eksperimental'noy i teoreticheskoy fiziki
ZhFKh	-	Zhurnal fizicheskoy khimii
ZhNiPFiK	-	Zhurnal nauchnoy i prikladnoy fotografii i kinematografii
ZhNKh	-	Zhurnal neorganicheskoy khimii
ZhPKh	-	Zhurnal prikladnoy khimii
ZhPMTF	-	Zhurnal prikladnoy mekhaniki i teoreticheskoy fiziki
ZhPS	-	Zhurnal prikladnoy spektroskopii
ZhTF	-	Zhurnal tekhnicheskoy fiziki
ZhVMMF	-	Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki
ZL	-	Zavodskaya laboratoriya

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- NS. Non-Soviet
0. Affiliation not shown
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 2. Moscow State University (Moskovskiy gosudarstvennyy universitet).
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 4. Leningrad Physical-technical Institute im. Ioffe (Fiziko-tekhnicheskiy institut im. Ioffe).
 5. Institute of Physics, AN UkrSSR, Kiev (Institut fiziki, AN UkrSSR).
 6. Institute of Semiconductors, AN UkrSSR, Kiev (Institut poluprovodnikov, AN UkrSSR).
 7. State Optical Institute im. Vavilov, Leningrad (Gosudarstvennyy opticheskiy institut im. Vavilova).
 8. Radiophysics Scientific Research Institute at Gorkiy State University (Gor'kovskiy nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom gos. universitete).
 9. Institute of Radiophysics and Electronics, Siberian Branch AN SSSR, Novosibirsk (Institut radiofiziki i elektroniki, Sib. otdel AN SSSR).
 10. Institute of Semiconductor Physics of the Siberian Branch, AN SSSR, Novosibirsk (Institut fiziki poluprovodnikov, Sib. otdel AN SSSR).
 11. Kazan' State University (Kazanskiy gos. universitet).
 12. Leningrad State Universitet (Leningradskiy gos. universitet).
 13. Institute of Crystallography, AN SSSR, Moscow (Institut kristallografiya, AN SSSR).
 14. University of Friendship Among Nations im. Lumumba, Moscow (Universitet druzhby narodov im. Lumumby).
 15. Institute of Radio Engineering and Electronics, AN SSSR, Moscow (Institut radiotekhniki i elektroniki, AN SSSR).
 16. Moscow Engineering Physics Institute (Moskovskiy inzhenerno-fizicheskiy institut).
 17. Institute of Mechanical Problems, AN SSSR, Moscow (Institut problem mekhaniki, AN SSSR).

18. Institute of General and Inorganic Chemistry im. Kurnakov, AN SSSR, Moscow (Institut obshchey i neorganicheskoy khimii im. Kurnakova, AN SSSR).
19. Moscow Power Engineering Institute (Moskovskiy energeticheskiy institut).
20. All Union Scientific Research Institute of Physicotechnical and Electronic Measurements, Moscow (Vsesoyuznyy nauchno-issled. institut fiziko-tekhnicheskikh i elektronnykh izmereniy).
21. Acoustics Institute, AN SSSR, Moscow (Akusticheskiy institut, AN SSSR).
22. Institute of metallurgy im. Baykov, Moscow (Institut metallurgii im. Baykova).
23. Institute of Atomic Energy im. Kurchatov, Moscow (Institut atomov energii im. Kurchatova).
24. Moscow Higher Technical College im. Bauman (Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana).
25. Moscow Scientific Research Institute of Instrument Manufacture (Moskovskiy nauchno-issled. institut instrumental'nogo proizvodstva).
26. Central Scientific Research Institute of the Ministry of Defense, Moscow (Tsentral'nyy nauchno-issled. institut Ministerstva oborony).
27. All Union Scientific Research Institute of Textile and Light Machinery, Moscow (Vsesoyuznyy nauchno-issled. institut tekstil'nogo i legkogo mashinostroyeniya).
28. Leningrad Opticomechanical Society (Leningradskoye optiko-mekhanicheskoye obshchestvo)
29. Leningrad Polytechnic Institute (Leningradskiy politekhnicheskiy institut).
30. Leningrad Institute of Precision Mechanics and Optics (Leningradskiy institut tochnoy mekhaniki i optiki).
31. Institute of Semiconductors, AN SSSR, Leningrad (Institut poluprovodnikov, AN SSSR).

32. Physics Scientific Research Institute at Leningrad State University (Fizicheskiy nauchno-issled. institut pri Leningradskom gos. universitete).
33. Institute of Silicate Chemistry im. Grebanshchikov, AN SSSR, Leningrad (Institut khimii silikatov im. Grebanshchikova, AN SSSR).
34. Khar'kov State University (Khar'kovskiy gos. universitet).
35. Khar'kov Institute of Radioelectronics (Khar'kovskiy institut radioelektroniki).
36. Physicotechnical Institute of Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-tekhnicheskiy institut nizkikh temperatur, AN UkrSSR).
37. Yerevan State University (Yerevanskiy gos. universitet).
38. Kazan' Physicotechnical Institute (Kazanskiy fiziko-tekhnicheskiy institut).
39. Institute of Cybernetics, AN GruzSSR (Institut kibernetiki, AN GruzSSR).
40. Tbilisi State University (Tbilisskiy gos. universitet).
41. Rostov-on-Don State University (Rostovskiy-na-Donu gos. universitet).
42. Ural Polytechnic Institute im. Kirov, Sverdlovsk (Ural'skiy politekhnicheskiy institut im. Kirova).
43. Ural State University, Sverdlovsk (Ural'skiy gos. universitet).
44. Institute of Applied Physics, AN MSSR, Kishinev (Institut prikladnoy fiziki, AN MSSR).
45. Saratov State University (Saratovskiy gos. universitet).
46. Novosibirsk State University (Novosibirskiy gos. universitet).
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48. Tomsk Institute of Radio Engineering and Electronics (Tomskiy institut radiotekhniki i elektroniki).
49. Vilnius State University (Vil'nyusskiy gos. universitet).
50. Institute of Semiconductor Physics, AN LitSSR, Vilnius (Institut fiziki poluprovodnikov, AN LitSSR).

51. Kiev State University (Kiyevskiy gos. universitet).
52. Joint Institute of Nuclear Research, Dubna (Ob'yedinennyy institut vadernykh ispytaniy).
53. Chernovitsy State University (Chernovitskiy gos. universitet).
54. Taganrog Radio Engineering Institute (Taganrozhskiy radiotekhnicheskii institut).
55. Physicotechnical Institute, AN TurkSSR, Ashkhabad (Fiziko-tekhnicheskii institut, AN TurkSSR).
56. Nezhin State University (Nezhinskiy gos. universitet).
57. All Union Machine Construction Institute, Kramatorsk (Vsesoyuznyy mashinostroitel'nyy institut).
58. Kemerova State Pedagogical Institute (Kemerovskiy gos. pedagogicheskii institut).
59. Institute of Physics Research, AN ArmSSR (Institut fizicheskikh issled., AN ArmSSR).
60. Institute of Physics, AN AzSSR (Institut fiziki, AN AzSSR).
61. Institute of Physics and Astronomy, AN EstSSR (Institut fiziki i astronomii, AN EstSSR).
62. Institute of Geophysics, AN GruzSSR (Institut geofiziki, AN GruzSSR).
63. Institute of Physics, AN LatSSR (Institut fiziki, AN LatSSR).
64. Institute of Atmospheric Physics, AN SSSR (Institut fiziki atmosfery, AN SSSR).
65. Institute of Problems of Physics, AN SSSR (Institut fizicheskikh problem, AN SSSR).
66. Institute of Solid State Physics, AN SSSR (Institut fiziki tverdogo tela, AN SSSR).
67. Institute of Physics of Chemistry, AN SSSR (Institut khimicheskoy fiziki, AN SSSR).
68. Institute of Space Research, AN SSSR (Institut kosmicheskikh issledovaniy, AN SSSR).

69. Institute of Oceanography, AN SSSR (Institut okeanologii, AN SSSR).
70. Institute of Organic and Physical Chemistry, AN SSSR (Institut organicheskoy i fizicheskoy khimii, AN SSSR).
71. Institute of Applied Mathematics, AN SSSR (Institut prikladnoy matematiki, AN SSSR).
72. Institute of Spectroscopy, AN SSSR (Institut spektroskopii, AN SSSR).
73. Institute of Theoretical Physics im. Landau, AN SSSR (Institut teoreticheskoy fiziki im. Landau, AN SSSR).
74. Institute of High Temperatures, AN SSSR (Institut vysokikh temperatur, AN SSSR).
75. Institute of Automation and Electronic Measurements, Siberian Branch AN SSSR (Institut avtomatiki i elektrometrii, Sib. otdel. AN SSSR).
76. Institute of Hydrodynamics, Siberian Branch AN SSSR (Institut gidrodinamiki, Sib. otdel. AN SSSR).
77. Institute of Inorganic Chemistry, Siberian Branch AN SSSR (Institut neorganicheskoy khimii, Sib. otdel. AN SSSR).
78. Institute of Atmospheric Optics, Siberian Branch AN SSSR (Institut optiki atmosfery, Sib. otdel. AN SSSR).
79. Institute of Nuclear Physics, Siberian Branch AN SSSR (Institut yadernoy fiziki, Sib. otdel. AN SSSR).
80. Computer Center, Siberian Branch AN SSSR (Vychislitel'nyy tsentr, Sib. otdel AN SSSR).
81. Physicomechanical Institute, AN UkrSSR (Fiziko-mekhanicheskiy institut, AN UkrSSR).
82. Physicotechnical Institute, AN UkrSSR (Fiziko-tekhnicheskiy institut, AN UkrSSR).
83. Institute of Problems in Material Studies, AN UkrSSR (Institut problem materialovedeniya, AN UkrSSR).
84. Institute of Radiophysics and Electronics, AN UkrSSR (Institut radiofiziki i elektroniki, AN UkrSSR).
85. Institute of Nuclear Physics, AN UzSSR (Institut yadernoy fiziki, AN UzSSR).

86. Azerbaydzhan State University (Azerbaydzhanskiy gos. universitet).
87. Belorussian State University (Belorusskiy gos. universitet).
88. Dagestan State University (Dagestanskiy gos. universitet).
89. Donetsk State University (Donetskiy gos. universitet).
90. Electrotechnical Institute of Communications (Elektrotekhnicheskiy institut svyazi).
91. Power Institute im. Krzhizhanovskiy (Energeticheskiy institut im. Krzhizhanovskogo).
92. Physicochemical Institute im. Karpov (Fiziko-khimicheskiy institut im. Karpova).
93. Gor'kov Physicotechnical Research Institute at Gor'kov State University (Gor'kovskiy issled. fiziko-tekhicheskiy institut pri Gor'kovskom gos. universitete).
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BOGAYENKO, I.N.	81
BOGDANKOVICH, O.V.	5
BOGDANOV, V.YE.	65
BOGDANOVA, A.V.	50
BOGOMOLOV, G.D.	21
BUKHAN, P.A.	21, 22
BOKHONOV, A.F.	1
BOKIY, G.H.	53
BONCH-BRUYEVICH, A.M.	22, 100
BONCHKOVSKIY, V.I.	49
BONDARENKO, A.N.	8
BONDARENKO, B.V.	92
BONDARENKO, G.G.	92
BONDAREV, I.A.	95
BONDZINSKIY, YE.K.	70
BOR, E.	10
BORISOV, N.A.	5
BOROVVOY, A.G.	63
BOROWICZ, L.	35
BOYKO, V.A.	156
BOYKO, V.I.	61
BOYTSOV, V.F.	43
BRAGOV, A.M.	41
BRAZOVSKIY, V.YE.	13
BREKHUVSKIKH, G.L.	42
BRUNSHTEYN, G.S.	55
BRUNNE, M.	15
BRUSIN, I.YA.	75
BRYUKNER, F.	45
BRYZZHEV, L.D.	75
BUBNOV, M.M.	32
BUGAY, YU.P.	65
BUKREYEVA, L.P.	88
BULGAROV, B.M.	75, 76
BURAKOV, V.S.	1, 81, 99
BURMAKOV, A.P.	70
BURMASOV, V.S.	11
BURNASHOV, V.N.	80
BUTOWIT, J.	78
BUZHINSKIY, I.M.	94
BYKOV, M.M.	75
BYKOVSKIY, YU.A.	17, 49

CHESANZ, I.	35
CHABROS, W.	70
CHAVCHANIDZE, V.V.	8

CHAYANOVA, F.A.	55
CHAYANOVA, F.A.	55
CHAYKA, M.P.	15
CHEBOTAYEV, V.P.	17
CHEKALIN, S.V.	8
CHEKALINSKAYA, YU.I.	75
CHEKHLOVA, I.K.	56
CHEKMAREV, A.P.	31
CHEL'NYY, A.A.	95
CHEREDNIKOV, P.I.	75, 76
CHERKASOV, A.S.	9, 11
CHERKASOV, A.V.	56
CHERKASOV, I.A.	75
CHERNENIKIY, V.I.	91
CHERNENKO, V.M.	100
CHEMNINA, F.A.	45
CHEKNOV, A.P.	75
CHEKNYSHEV, A.N.	81
CHEKNYSHEV, L.YE.	153
CHEKPAK, N.T.	53
CHEKTRON, A.A.	65
CHEKVOV, V.G.	65
CHILINGARYAN, YU.S.	91
CHIRKIN, A.S.	40
CHIZHIKOV, S.I.	37
CHUDAROV, YE.P.	35
CHUDAKOV, V.I.	83
CHURBAKOV, A.I.	4
CHAU, M.	42
CHIKAL, J.	9
CZYZ, M.	35

DANILEYKO, M.V.	25, 55
DANILOV, O.K.	25
DANILOV, V.V.	54
DANILOVA, N.P.	45
DANILYCHEV, V.A.	26, 105
DARZNEK, S.A.	5
DEKHTYAR, I.YA.	93
DELONE, G.A.	4
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DEMBOVSKIY, S.A.	73
DEMBCZYNSKI, J.	54
DEMIN, A.I.	25, 31
DEMIN, B.N.	4
DENISYUK, YU.N.	75
DERYUGIN, I.A.	75
DERYUGIN, I.N.	56

DEKACHEVA, L.D.	11
DIANOV, YE.M.	32
DITE, A.F.	82
DMITRIYEV, A.L.	71
DMITRYUK, A.V.	7
DMITRIYEV, V.G.	40
DNEPROVSKIY, V.S.	46.50
DOBEK, A.	37
DOLGOV-SAVEL'YEV, G.G.	11.106
DOLOTKO, V.I.	76
DONCHENKO, V.A.	57.58.62
DORONIN, V.G.	26.27
DOVGALENKO, G.YE.	65
DRANOV, L.N.	44
DREYDEN, G.V.	100
DRONOV, A.P.	23
DRUZDOV, V.A.	36
DROZHBIN, YU.A.	4
DUBIK, A.	70
DURKOV, V.I.	82
DURNISHCHEV, YU.N.	82.90
DUDKIN, V.A.	19
DUNAYEV, A.S.	36
DUSHIN, L.A.	100
DVORNIKOV, G.D.	45
D'YAKONOV, A.M.	45
D'YAKONOV, M.I.	7
D'YAKOV, YE.YE.	47
DYMACZEWSKI, H.	27
DYUKKO, S.F.	21
DZYUBENKO, M.I.	10.11

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FADINA, V.P.	61
FARKAS, E.	
SEE FARKASH, E.	
FARKASH, F.	10
FAYZULLOV, F.S.	44
FEDOROV, R.F.	106
FEDOROV, G.M.	95
FEDOROV, V.M.	25
FEDOSIMOV, A.I.	8
FEDUTKIN, G.F.	56
FERRARI, O.M.	79
FESENKO, L.D.	21
FILENKO, YU.I.	69
FILINOV, V.N.	78
FILIPPOV, N.V.	100
FILIPPOVA, T.I.	100
FISCHER, R.	32
FISHER, A.M.	77

FIVEYSKIY, YU.D.	94
FOKIN, YE.P.	11.106
FOMIN, N.A.	24
FOTIADI, A.E.	20
FREYDMAN, G.I.	34
FREYNKMAN, H.G.	55
FRIDRIKHOV, S.A.	20
FRISH, S.E.	71.107
FURMAN, SH.A.	35

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GABASOV, M.Z.	78
GADETSKIY, N.P.	4
GAGULIN, V.N.	70
GALKIN, B.D.	94
GALKIN, S.L.	20
GALKINA, T.I.	82
GAL'PERN, A.D.	70.71
GANIYEV, F.S.	90
GAPRINDASHVILI, KH.I.	8
GATI, L.	10
GAVRILYUK, YU.N.	5
GEMBARZHEVSKIY, G.V.	23
GENIN, V.N.	50
GERKE, R.R.	74
GILINSKIY, S.M.	30
GINZBURG, G.M.	50
GINZHURG, V.M.	55.71
GLAZUNOV, P.YA.	95
GLINCHUK, K.D.	44
GLINSKIY, G.F.	30
GLUCHOWSKI, W.	100
GLUSHCHENKO, V.P.	75
GLUSHKOV, V.F.	45
GNATOVSKIY, A.V.	25.69
GOCHELASHVILI, K.S.	50
GODLEVSKIY, A.P.	1
GOUZINSKI, Z.	13.39.76
GOL'DANSKIY, V.I.	52
GOLDOBIN, A.S.	82
GOLGER, A.L.	107
GOLOVASTIKOV, YU.A.	78
GULOVEY, M.I.	50
GOLUBEV, G.P.	5
GOLUBEV, S.A.	10
GOLUBEV, YU.M.	53
GOMAN'KOV, L.M.	94
GONCHAROV, V.D.	107
GONCHUKOV, S.A.	14.16.110
GORHACHEV, V.A.	3
GORBATENKOV, V.I.	57

GORDEYEV, A.N.	57,79
GORDIYETS, R.F.	30
GORELIK, V.S.	41
GORENKO, A.F.	40
GOROKHOV, YU.A.	14
GORSHKOV, K.A.	47
GORSHKOV, N.G.	24
GORYACHEV, D.N.	71
GOTFRYD, M.	14
GOVOR, I.N.	77
GOYMAN, E.	43
GRASYUK, A.Z.	117
GRIBKOV, V.A.	100
GRIBKOVSKIY, V.P.	5
GRIDNEV, V.N.	93
GRIGORYAN, A.KH.	77
GRIN, YU.I.	23
GRISHMANOVA, N.I.	32
GROMOV, YU.N.	77
GRUJIC, I.	66
GRUZINSKIY, V.V.	11
GUBIN, M.A.	110
GUJZENKO, L.I.	53
GUENTHER, K.	34
GUGUCHKIN, V.V.	55
GULANYAN, F.KH.	64
GURARI, M.L.	72
GUREVICH, G.L.	97
GUREVICH, S.A.	6
GURFINK, A.M.	53
GURVICH, A.S.	54,61
GUSEV, V.K.	111
GUSEVA, I.N.	71
GVARDZHALADZE, T.L.	45
GVATUA, SH.SH.	4
GYUNASHYAN, K.S.	66,67
GYUZALYAN, R.N.	41

HALAK, A.	6
HEUMANN, E.	
SEE GOYMAN, E.	
HEVESI, J.	
SEE KHEVESHI, YA.	

IGOSHIN, V.I.	31
IL'INSKIY, YU.A.	52
IM TKHEK-DE	14
IPPOLITOV, I.I.	55
ISAYEV, A.A.	22
IVAKIN, YE.V.	74
IVANENKO, YU.M.	25
IVANOV, A.F.	35
IVANOV, A.I.	35
IVANOV, I.G.	22,23
IVANOV, I.P.	83
IVANOV, I.V.	47
IVANOV, L.I.	92,93
IVANOV, L.P.	95
IVANOV, N.P.	104
IVANOV, S.	12
IVANOV, V.N.	26
IVANOV, YU.L.	104
IVANOVA, T.D.	87
IZOKH, V.V.	72

JAHN, G.	20
JUHASZ, S.	41

KAHANOV, M.V.	54,62
KACZYNSKI, R.	71
KAGAN, YU.M.	52
KALINENKO, A.N.	63
KALININ, I.I.	52
KALININ, YU.A.	75

KALINTSEV, A.G.	41
KALISKI, S.	100, 101
KALITEYEVSKIY, N.I.	77
KALMYKOV, A.A.	97
KALUGIN, G.N.	35
KAMINSKIY, A.A.	3, 4
KAPORSKIY, L.N.	100
KARABUT, F.K.	22
KARAPETYAN, G.O.	7
KARLOV, N.V.	29, 53, 93
KARMENYAN, K.V.	41
KARMINSKIY, D.F.	37
KARPENKO, S.G.	35
KARPOV, N.A.	2
KARTUZHANSKIY, A.L.	97
KASK, N.YE.	95
KAS'YANOV, V.A.	51
KATS, M.L.	35
KATSNEL'SON, L.B.	35
KATYS, G.P.	35, 108
KAVERINA, G.M.	45
KAVEYEVA, Z.M.	64
KAYUSHIN, L.P.	57
KAZARYAN, M.A.	22
KAZARYAN, R.A.	14
KAZHLAYEV, M.A.	42
KECHKEMETI, I.	1
KERIMOV, O.N.	15
KETSKEMETY, I.	
SEE KECHKEMETI, I.	
KEYUAN, V.F.	23
KHANEVICH'EV, V.A.	5
KHAPALYUK, A.P.	54
KHARCHENKO, V.N.	87
KHARTUNG, K.	15
KHASHKHOZHEV, Z.M.	45
KHASKIN, I.YA.	74
KHATTATOV, V.U.	45, 50
KHAYDAROV, K.	1
KHAYDUKOVICH, S.	85
KHAYKIN, N.SH.	77
KHEVESH, YA.	15
KHEYFETS, YE.I.	54
KHIMCHENKO, V.P.	75
KHIMICHEV, YU.V.	74
KHMELEVTSOV, S.S.	54
KHODOVOY, V.A.	22
KHOKHLOV, R.V.	27, 52
KHORUSHKOV, YU.V.	70
KHROMOV, A.V.	67
KHROMOV, V.V.	22
KHROLEV, V.I.	37
KHVESYUK, V.I.	54
KHVOSTIONOV, V.YE.	17

KICHIGIN, D.A.	49
KIREYEVA, S.I.	79
KIRYAKOV, N.D.	53
KIR'YANOV, V.P.	91
KISELEV, B.A.	32
KISELEV, V.M.	2
KISELEVSKIY, L.I.	101
KLEMENT'YEV, V.M.	13, 17
KLIMENKO, I.S.	72
KLIMKIN, V.F.	37
KLIMKIN, V.M.	21, 22
KLINKOV, V.K.	2
KLISTORIN, I.F.	50, 91
KLUDZIN, G.M.	45
KLYATSKIN, V.I.	63, 64
KLYUKACH, I.L.	43
KLYUSHIN, YE.M.	67
KNEYP, K.D.	53
KNYAZEV, B.A.	11, 105
KNYAZEV, I.N.	30
KOBZAR'-ZLENKO, V.A.	45
KOENIG, R.	94
KOGARKO, S.M.	31
KOKORA, A.N.	93, 105
KOKORIN, V.V.	52
KOKSHAROV, M.A.	41
KOLDOBSKAYA, M.F.	45
KOLEROV, A.N.	83
KOLESOV, A.K.	55
KOLESOV, G.V.	2
KOLOBKOV, V.P.	9
KOLOSOV, YU.A.	83
KOLPASHCHIKOV, V.L.	54
KOL'TSOV, V.V.	77
KOMOLOV, V.L.	95
KOMPANETS, O.N.	15
KONDILENKO, I.I.	42
KONDRATENKO, L.S.	81
KONNIKOV, S.G.	5
KONOVALOV, N.A.	34
KONSTANTINOV, H.A.	34
KOPANEV, V.P.	35
KOPVILLEM, O.KH.	64
KORABLEV, A.S.	24
KORDA, I.M.	62
KORNIYENKO, L.S.	95
KORUBOV, A.M.	10
KOROLEV, F.A.	44
KOROLEV, N.V.	93, 97
KOROL'KOV, V.I.	5, 36
KORONKEVICH, V.P.	82, 90
KOROTKOV, P.A.	34, 42
KORTEJSKI, T.	12
KOSHCHUG, D.G.	45, 50

KOSTIKOV, L.P.	57
KOSTIN, V.N.	14
KOSTIN, V.V.	57
KOSTKO, O.K.	57, 61
KOSYAKOV, V.I.	7
KOTSUBANOV, V.D.	101
KOVALENKO, V.A.	4
KOVALEV, A.S.	17
KOVALEV, S.A.	54
KOVALEV, V.A.	59
KOVALEV, V.I.	44
KOVARSKIY, V.A.	94
KOVAL'SKIY, L.V.	73
KOVNER, M.A.	43
KOVSH, I.K.	115
KOZIK, M.	64
KUZIN, G.I.	34
KOZLOV, G.I.	24
KOZLOV, N.P.	54
KOZLOV, V.A.	47
KUZMA, L.	1
KOZYREV, V.G.	21
KOZYREV, YU.I.	54
KRAMARENKO, V.A.	71
KRASIL'NIK, Z.F.	44
KRASIL'NIKOV, A.I.	144
KRASITSKAYA, L.S.	33
KRASNOV, M.M.	56
KRASNYANSKAYA, V.N.	40
KRASYUK, H.A.	35
KRASYUK, I.K.	62
KRAVCHENKO, V.A.	39
KRAVCHENKO, V.R.	53
KRAVCHENKO, V.F.	22
KRAVCHENKO, V.I.	61
KRAVTSOV, YU.A.	65
KREKOV, G.M.	62
KREPOSTNOV, P.I.	28
KRICHEVSKIY, V.I.	76
KRIKUNOV, G.A.	54
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KRUPENIKOVA, T.I.	26
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KRUPNOV, A.F.	21
KRYLOV, K.I.	118
KRYLOV, V.N.	41
KRYUKOV, P.G.	3
KRYUKOV, V.V.	12
KRYUKOVA, I.V.	5

KRYZHANOVSKIY, V.I.	6
KUBAREV, A.V.	77
KUBYSHKIN, V.A.	36
KUDELYA, L.A.	41
KUDRYASHOV, P.I.	9
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KULAGIN, YU.A.	2
KULAKOV, H.P.	14, 54
KULAKOV, L.V.	31
KULAKOVA, T.V.	51
KULEVSKIY, L.A.	5
KULIKOV, V.YE.	55
KULYASOV, A.G.	67
KULYKIN, V.M.	55
KURASHOV, V.N.	71
KURIL'CHENKO, V.YE.	64
KUROCHKIN, A.P.	43
KUROCHKIN, V.V.	31
KURZENKOV, V.N.	25
KUTOVOY, V.D.	53
KUZIN, V.A.	11
KUZMA-KICHTA, YU.A.	44
KUZMIN, G.P.	14, 93
KUZNETSOV, A.YA.	35
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KVAPIL, J.	51
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LAVROV, A.F.	95
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LAZOVSKAYA, V.D.	12
LEBEDEV, V.M.	2, 4
LEDNEVA, G.P.	75
LEDOVSKAYA, I.YU.	39
LEHOCZKI, F.	
SEE LEKHOTSKI, E.	
LEKHOTSKI, F.	10
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LEVITES, A.F.	45
LEYKIN, A.YA.	77.101
LIMASOV, A.I.	82
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LISHNEVSKIY, V.A.	31
LISICKI, J.	8
LISOVSKIY, V.A.	56
LITOVCHENKO, V.G.	37
LITVAK, A.G.	47
LITVINOV, V.F.	108
LOBOV, G.D.	37
LODI, M.N.	87
LODIN, G.F.	93.97
LOKHMOV, A.I.	80
LOKHNYGIN, V.D.	82
LOKHOV, YU.N.	95
LOMONOSOV, V.V.	98
LOPASOV, V.P.	1
LOSI, V.F.	52.54
LOSEV, S.A.	24
LUGOVOY, V.N.	42
LUKATSKAYA, R.A.	35
LUKIN, A.V.	72
LUKUMSKIY, G.V.	12
LUSHCHIKOV, I.I.	74
LUK'YANCHUK, V.I.	87
LYBOV, A.V.	54
LYSENKO, V.G.	82

MACHULKA, G.A.	47
MAGDA, I.I.	4
MAGLICH, K.	85
MAK, A.A.	7.25
MAKARENKO, V.V.	85.86
MAKAREVSKAYA, YE.V.	37
MAKAROV, G.N.	24
MAKAROV, V.N.	24
MAKAROV, YE.F.	31
MAKHANIKOV, V.G.	104
MAKOGON, M.M.	1.9
MAKOVIY, O.A.	75
MAKSIMOV, O.P.	41
MAKSIMOVA, G.V.	3
MAKUSHKIN, YU.S.	65
MALACZYNSKI, G.	14
MALYSHEV, R.N.	56
MALYSHEV, G.M.	101

MALYSHEV, V.I.	53
MALYY, V.I.	42
MAMAKINA, S.V.	76
MAMEDOV, SH.S.O.	30
MANAKOV, N.L.	47
MANAKOV, S.V.	44
MANDROSOV, V.I.	73
MANDZHIKOV, V.F.	29
MANSVETOV, N.G.	78
MANUYLOVA, R.O.	54
MANYKIN, E.A.	42
MARCHENKO, S.N.	57
MARIN, O.YE.	94
MARKIN, YE.P.	25
MARKOVA, S.V.	14
MARKOVICH, E.E.	86
MARSHICHANIN, B.	86
MARTYNEENKO, O.G.	54
MARTYNOV, A.M.	45
MASLYUKOV, YU.S.	4
MATSIYEVICH, L.V.	73
MATCZAK, M.J.	35
MATINYAN, TE.G.	72
MATVEYETS, YU.A.	8
MATVIYENKO, G.G.	54
MAYYER, A.A.	51
MAZING, M.A.	54
MAZUR, M.M.	45
MAZURENKO, YU.T.	54
MEDVEDEV, B.A.	43
MEDRESH, V.G.	78
MELIKHIN, G.V.	78
MEL'NIKOV, L.A.	34
MEL'NIKOV, M.M.	34
MICHALSKI, W.	14
MIHAILESCU, I.N.	14
MIKAELIAN, A.L.	54
MIKHAYLOV, V.S.	86
MIKHAYLOVA, G.N.	82
MIKHAYLOVA, N.V.	7
MILEWSKI, J.	14
MILINKEVICH, A.V.	54
MILOVIDOV, V.L.	2
MILYAYEV, V.A.	82
MILYUTIN, O.V.	2
MINAYEVSKIY, P.A.	7
MIRONOV, S.P.	35
MIROSHNICHENKO, O.N.	74
MISHIN, V.M.	147
MISEZHNIKOV, G.S.	67
MITEVA, M.	12
MITIN, G.G.	41
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MOCHALOV, A.V.	85
MOCHALOV, S.M.	91
MOENKE-BLANKENBURG, L.	87
MOLCHANOV, M.I.	16
MOLOCH'EV, V.I.	108
MONAST'SKIY, O.B.	104
MORGUN, YU.F.	2.34
MOROZ, H.Z.	64
MOROZOV, A.V.	56
MOROZOV, N.A.	47
MOSPANOV, V.S.	95
MOVSESYAN, P.A.	66.07
MOZZHUKHIN, YE.V.	31
MUKHAMEDYAROV, R.D.	35
MUKHINA, M.M.	67
MUKHORTOV, YU.P.	45
MUKHTAROV, CH.K.	2
MUMLADZE, V.V.	8
MUNTYAN, K.I.	77
MURATOVA, L.P.	47
MURAVITSKIY, M.A.	2.34
MURAV'YEV, V.A.	97
MURIN, V.A.	24
MURINA, T.M.	3
MUSTAFIN, K.S.	72
MUSTEL', YE.R.	34
MYATKOVSKIY, N.O.	87
MYNBAEYEV, D.K.	50

NADEZHKIN, YU.M.	78.79
NAGIBAROV, V.R.	64
NAGLI, L.	65
NAPARTOVICH, A.P.	33
NAUMENKO, I.G.	10.11
NAUMENKOV, P.A.	81
NAUMENKO, YE.K.	60
NAYDENOV, A.S.	80
NECHAYEV, S.V.	81.99
NEIDA-APOSTOL, I.	15
NELASOV, YU.P.	67
NEMCHINOV, I.V.	98
NEPORENT, B.S.	12
NESTERENKO, V.M.	77
NESTERIKHIN, YU.YE.	109
NESTRIZHENKO, YU.A.	2
NEZLIN, M.V.	55
NGO VAN BI	108
NIKITIN, A.I.	30

NIKITIN, V.G.	35
NIKITIN, V.V.	108
NIKITIN, YE.P.	32
NIKOLAYEV, F.A.	94
NIKOLAYEV, V.M.	25
NIKOLAYEV, V.K.	75
NIKOL'SKAYA, G.M.	56
NIKULIN, N.G.	50
NILOV, YE.V.	66
NISHCHENKO, M.M.	93
NIZAMOV, N.	49
NOVAK, V.YE.	67
NOVIK, D.A.	73
NOVIK, G.M.	70
NOVIKOVA, F.M.	51
NOVIKOVA, I.S.	30
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ODINTSOV, V.I.	44
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ORAYEVSKIY, A.N.	29.110
ORAYEVSKIY, V.N.	101
OREKHOVA, V.P.	50
ORLOV, A.A.	87
ORLOV, M.S.	47
ORLOV, V.K.	95
ORLOV, V.M.	54
ORLOV, V.S.	2
OSIKO, V.V.	3
OSIPOV, A.I.	30
OSIPOV, V.K.	91
OSIPOV, YU.V.	78
OSMOLOVSKAYA, YE.P.	87
OSTAPCHENKO, YE.P.	15.26.27
OSTROVSKIY, A.S.	87
OSTROVSKIY, L.A.	47
OSTROVSKIY, YU.I.	73.100
OVCHINNIKOV, V.M.	54.55
OVSYANNIKOV, V.D.	78

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PANARIN, A.M.	43
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PAPIN, V.G.	31
PAPULOVSKIY, V.F.	111
PAPYAN, V.A.	66,67
PAPYRIN, A.N.	80
PARFENOV, H.A.	95
PARFENOV, I.N.	21
PARITSKIY, L.G.	71
PARFENOV, V.I.	88
PARYGIN, V.N.	38,66
PASHININ, P.P.	62
PASMANIK, G.A.	45
PATKOWSKI, A.	37
PAUL, H.	109
PAVLICHENKO, O.S.	101
PAVLOV, A.A.	31
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PAVLOV, V.I.	61,91
PECHENOV, A.N.	5
PELANT, I.	98
PELEVIN, V.N.	62
PELIPENKO, V.P.	11
PENIN, N.A.	82
PERCAK, H.	15
PEREL', V.I.	7
PEREL'MAN, N.F.	95
PERLSHTEYN, A.A.	88
PERNER, H.	51
PERSIANTSEV, I.G.	18
PETRASH, G.G.	19,22
PETROSYAN, A.G.	3
PETROV, G.D.	83,103
PETROV, P.	12
PETROV, YU.N.	24
PETROVICH, I.V.	3
PETROVICH, P.I.	11
PETROVSKIY, G.T.	45
PETROVSKIY, V.N.	15
PETRU, F.	32
PETRUKHINA, V.I.	47
PETRUNKIN, V.YU.	25
PETRUSHENKO, YU.V.	5
PETUKHOV, V.A.	11
PETUKHOVA, T.M.	93
PIEKARA, A.	110

PIK, YE.I.	73
PIKHELEV, A.I.	21
PIKHTIN, A.N.	35
PIKIN, V.G.	85
PIKULIN, YE.S.	55
PILIPETSKIY, N.F.	45
PINTER, F.	1
PIROGOVA, G.N.	95
PIROZHKOV, V.A.	64
PISKOVA, G.K.	45
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PLATONENKO, V.T.	27
PODANCHUK, D.V.	70
PODOBEDOV, V.H.	48
PODSUSONNYI, A.S.	105
POGORELOV, V.YE.	39
POGORETSKIY, P.P.	2
POKASOV, V.V.	55
POLISHCHUK, V.A.	10
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PONOMARENKO, A.G.	97
PONOMAREV, YU.N.	9
POPESCU, I.M.	15
POPKOV, A.I.	62
POPLAVSKIY, A.A.	35
POPOV, L.N.	35
POPOV, V.G.	37
POPOV, V.N.	37
POPOV, YU.M.	14
POPOV, YU.V.	67
POPOVA, M.N.	9
POPOVICHEV, V.I.	44
PORTASOV, V.S.	60
PORTNOY, YE.L.	6
POTANIN, S.N.	45
POTAPOV, S.K.	42
POZDNYAKOV, A.YE.	94
PREOBRAZHENSKIY, M.A.	47
PRESNYAKOV, YU.P.	74
PRISHIVALKO, A.P.	60
PRIVEZENTSEV, V.I.	100
PROCHUKHAN, V.D.	51
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PROKHOROVA, L.N.	71
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POSTOVALOV, V.K.	6
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RUSITSKIY, R.V.	95
RUSINOWICZ, T.	100
RUTKOVSKIY, I.Z.	86
RYABOV, A.I.	95
RYAZANOV, M.I.	45
RYKALIN, N.N.	93
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RAYNIN, G.A.	23
RAZDOBARIN, G.T.	101
RAZUMOV, I.N.	74
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ROMANOV, G.S.	61
ROSHCHIN, N.V.	55
ROSTOVIKOVA, G.S.	20

SABIROV, L.M.	88
SAFAROV, V.I.	7
SAFRONOV, G.S.	110
SAFRONOVA, A.P.	110
SAGDEYEV, P.Z.	102
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SAPOZHNIKOV, A.T.	90
SAPRYKIN, P.G.	14
SAPRYKIN, P.I.	56
SARKISOV, S.E.	3
SAUKOV, A.I.	35
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SEVAST'YANOV, H.K.	50	SMIRNOV, V.G.	107
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SHALAGIN, A.M.	14	SMIRNOV, V.V.	50
SHALAYEV, YE.A.	46	SMIRNOV, YU.M.	20
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SHCHERBAKOV, YU.A.	89	SOKOLOVA, L.V.	101
SHCHUKA, A.A.	92	SOKOLOVSKAYA, A.I.	42
SHEDOVA, YE.N.	100	SOKOLOVSKIY, R.I.	81
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SHELOBOLIN, A.V.	43	SOLDATENKO, S.YE.	11
SHELOPUT, D.V.	45	SOLOMANHA, D.A.	74
SHERBAF, D.M.	61	SOLOUKHIN, R.I.	24,80,89
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SHEVCHENKO, V.V.	76	SOLOV'YEV, N.G.	35
SHILOV, V.R.	12	SOLOV'YEV, V.S.	77
SHIKSHOV, YE.M.	95	SONIN, A.S.	71
SHKADOVA, V.P.	30	SOROKIN, N.G.	37
SHLYAKHOV, V.I.	61	SOROKIN, S.A.	97
SHMOYLOV, N.F.	82	SOSKIN, M.S.	2,81
SHPAK, M.T.	25	SOTSKIY, H.A.	54
SHTANCHAYEV, M.I.-A.	42	SPIRIDONOV, H.N.	94
SHTeyN, M.S.	80	SPITSYN, V.I.	95
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SHUVYATSKIY, A.B.	50	STARIKOV, A.D.	8
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SHVOM, YE.M.	40	STAROBINETS, I.A.	51
SIDEL'NIKOVA, A.V.	4	STARODUBTSEV, G.P.	74
SIDUROVA, S.P.	14	STASEL'KO, D.I.	75
SILIN, V.P.	44	STAVROV, A.A.	81
SIMONOVICH, V.N.	66	STEFKA, K.	32
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STOLPOVSKIY, A.A.	82.90
STRELKOV, G.M.	60
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STREZH, P.YE.	63.64
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SVIRIDOV, D.T.	50
SVIRIDOV, S.I.	92
SVIRIDOVA, R.K.	51
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SYCHEV, A.A.	51
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SYCZEWSKI, M.	8
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TELESHEVSKIY, V.I.	89
TEL'KOVSKIY, V.G.	84
TERLETSKIY, A.YA.	55
TESTOV, V.G.	23
TIMOFEYEV, V.B.	82
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TIMOSHECHKIN, M.I.	3
TISHCHENKO, A.A.	61
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TOLSTOLUTSKIY, A.G.	100
TOPOKOV, V.V.	45
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TRETYAKOV, D.N.	6
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TRONKO, V.D.	65
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TSARFIN, V.YA.	60
TSAR'KOV, V.A.	10
TSELYKOVSKIY, A.F.	41
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TSIRULINIK, P.N.	94
TSVETAYEV, K.P.	111
TSVYK, R.SH.	55
TSYTOVICH, V.N.	109
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TUKHVATULLIN, F.KH.	90
TUMAKAYEV, G.K.	12
TUNITSKIY, L.N.	21
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TURSUNOV, M.A.	40
TUTEKOV, M.	99
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USTYUGOV, V.I.	25
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VASIL'YEV, H.I.	5
VASIL'YEV, G.K.	31
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VAS'KOVSKIY, YU.M.	96
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VOIGT, B.	94
VOKHNIK, O.M.	44
VOLKOV, V.G.	80
VOLKOV, YU.M.	63
VOLKOVA, N.V.	94
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VOLOSOV, V.D.	41
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VOROB'YEV, M.A.	61
VOROB'YEV, V.V.	80
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YANICHKIN, V.I.	81
YANINA, G.M.	88
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YATSENKO, A.V.	59
YEFIMOV, V.H.	61
YEGOROV, V.P.	91
YEKIMOV, A.I.	7
YELETSKIY, A.V.	55
YENIN, V.N.	25
YERMACHENKO, V.M.	14,16,110
YERMAKOV, H.A.	1
YERMOLAYEV, M.M.	74
YEVDOKIMOV, S.V.	66
YEVTIKHIYEV, N.N.	111
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ZABRODSKIY, A.G.	6
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ZAKHARCHENYA, B.P.	40
ZAKHAROV, S.M.	40
ZAKHAROV, V.G.	45
ZAKHAROV, V.M.	61,91
ZAKHAROV, V.YE.	48
ZALESSKIY, V.YU.	28
ZAMYSHLYAYEV, I.V.	51
ZARETSKIY, D.F.	46
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ZARSHCHIKOV, V.A.	37
ZASLONKO, I.S.	31
ZASTRUGIN, YU.F.	91
ZATSAKINNYI, A.V.	91
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ZHEKOV, V.I.	3
ZHIVOTICH, Z.	80
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ZLATIN, N.A.	91
ZLENKO, A.A.	10
ZOLOTAREV, V.K.	40
ZOZULYA, G.V.	34
ZUBAREV, I.G.	107
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ZUBOV, V.A.	75
ZUYEV, V.A.	37
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ZVEREV, M.M.	5
ZVEREV, V.A.	55