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No. 44

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Vice Director for Foreign Intelligence
Defense Intelligence Agency

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20. ABSTRACT This is the Soviet Laser Bibliography for November-December 1979, and is No. 44 in a continuing series on Soviet laser developments. The coverage includes basic research on solid state, liquid, gas, and chemical lasers; components; nonlinear optics; spectroscopy of laser materials; ultrashort pulse generation; theoretical aspects of advanced lasers; and general laser theory. Laser applications are listed under biological effects; communications; beam propagation; computer technology; holography; laser-induced chemical reactions; measurement of laser parameters; laser measurement applications; laser-excited optical effects; laser spectroscopy; beam-target interaction; and plasma generation and diagnostics.			

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Introduction

This bibliography has been compiled under an interagency agreement as a continuing effort to document current Soviet-bloc developments in the quantum electronics field. The period covered is November-December 1979, and includes all significant laser-related articles received by us in that interval. The bulk of the entries come from the approximately 30 periodicals which are known to publish the most significant findings in Soviet laser technology. Citations from the Russian Reference Journals are also included. Laser items from the popular or semipopular press are generally omitted.

For convenience we have abbreviated frequently cited source names; a source abbreviations list and an author index are included. All sources cited with no parenthetical notation are available at the Library of Congress. A parenthetical entry (RZh, KL) indicates the secondary source in which the citation was found as a bibliographic entry or abstract, but for which the original source is not currently available at the Library. The authors' affiliations are indicated by the numbers in parentheses following the authors' names in the text and are listed in the Author Affiliations List. New affiliations are assigned a new number and are added to a cumulative list which includes all affiliations from 1969 to the present. Only those affiliations which appear in this issue are listed in this issue's Author Affiliations List.

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I. BASIC RESEARCH

A. SOLID STATE LASERS

1. Crystal: Ruby

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J. BEAM-TARGET INTERACTION

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K. PLASMA GENERATION AND DIAGNOSTICS

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IV. SOURCE ABBREVIATIONS

(CIRC Codens)

BWAT	(BWATA)	Biuletyn Wojskowej akademii technicznej J. Dabrowskiego
DAN B	(DBLRA)	Akademiya nauk Belorusskoy SSR. Doklady
DAN SSSR	(DANKA)	Akademiya nauk SSSR. Doklady
DAN Ukr	(DUKAB)	Akademiya nauk Ukrayins'koyi RSR. Dopovid. Seriya A. Fyzyko-matematychni ta tekhnichni nauky
ETP	(EXPPA)	Experimentelle Technik der Physik
FAiO	(IFAOA)	Akademiya nauk SSSR. Izvestiya. Fizika atmosfery i okeana
FGiV	(FGVZA)	Fizika goreniya i vzryva
FiKhOM	(FKOMA)	Fizika i khimiya obrabotka materialov
FTP	(FTPPA)	Fizika i tekhnika poluprovodnikov
FTT	(FTVTA)	Fizika tverdogo tela
IAN Uz	(IUZFA)	Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh i geologokhimicheskikh nauk
I-FZh	(INFZA)	Inzhenerno-fizicheskiy zhurnal
IT	(IZTEA)	Izmeritel'naya tekhnika
IVUZ Fiz	(IVUFA)	Izvestiya vysshikh uchebnykh zavedeniy. Fizika
IVUZ Priboro	(IVUBA)	Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye
IVUZ Radioelektr (IVUZB)		Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika
IVUZ Radiofiz	(IVYRA)	Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika
KE	(KVEKA)	Kvantovaya elektronika
KhVE	(KHVKA)	Khimiya vysokikh energiy
KLDV	(KLDVA)	Knizhnaya letopis'. Dopolnitel'nyy vypusk
Kristal	(KRISA)	Kristallografiya
KSpF	(KRSFA)	Kratkiye soobshcheniya po fizike

MZhIG	(IMZGA)	Akademiya nauk SSSR. Izvestiya. Mekhanika zhidkosti i gaza
NM	(IVNMA)	Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy
OiS	(OPSPA)	Optika i spektroskopiya
OMP	(OPMPA)	Optiko-mekhanicheskaya promyshlennost'
Opt app	(OPAPB)	Optica applicata [Poland]
Otkr izobr	(OIPOV)	Otkrytiya, izobreteniya, promyshlennyye obraztsy, tovarnyye znaki
PSS	(PSSAB) (PSSBB)	Physica Status Solidi (A). Applied Research Physica Status Solidi (B). Basic Research
PTE	(PRTEA)	Pribory i tekhnika eksperimenta
RiE	(RAELA)	Radiotekhnika i elektronika
RRP	(RRPQA)	Revue roumaine de physique
RZhF	(RZFZA)	Referativnyy zhurnal. Fizika
RZhGeofiz	(GZGFA)	Referativnyy zhurnal. Geofizika
RZhMekh	(RZMKA)	Referativnyy zhurnal. Mekhanika
RZhRadiot	(RZRAB)	Referativnyy zhurnal. Radiotekhnika
Sb1	Sbornik	Kvantovaya elektronika, no. 17, Kiyev, 1979.
Sb2		Vsesoyuznyy simpozium po rasprostraneniyu lazernogo izlucheniya v atmosfere. 5th. Tezisy dokladov. Part 4. Tomsk, 1979.
Sb3		Pikosekundnyye metody v spektroskopii molekul, kristallov i biologicheskikh sistem. Mezhdunarodnyy simpozium Sverkhbystryye protsessy v spektroskopii, Tallin, 1978. Tallin, 1979.
Sb4		Yugoslav Symposium on the Physics of Condensed Matter. 6th. Krusevac, 18-22 September 1978. Proceedings. Fizika, v. 10, Supplement 1, no. 2, 1978.
Sb5		Effektivnyye gazorazryadnyye lazery na parakh metallov. Tomsk, 1978.
Sb6		Khimiya plazmy, no. 6, 1979.
Sb7		Polucheniye, obrabotka, peredacha i otobrazheniye informatsii. Moskva, 1978.

- Sb8 Wissenschaftliche Zeitschrift der Paedagogischen Hochschule
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- Sb9 Lazery v ortopedii i travmatologii. Kazanskiy GU, 1978.
- Sb10 Vsesoyuznyy simpozium po rasprostraneniyu lazernogo
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- Sb12 Priborostroyeniye, no. 27, Kiyev, 1979.
- Sb13 Morskiye gidrofizicheskiye issledovaniya, no. 1(84), 1979.
- Sb14 Voprosy teoreticheskoy i eksperimental'noy fiziki.
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- Sb15 Vsesoyuznaya konferentsiya Formirovaniye opticheskogo
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- Sb19 Fizicheskiye osnovy golografii. Vsesoyuznaya shkola po
golografii. 10th, Minsk, 1978. Materialy. Leningrad, 1978.
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primeneniya. Moskva, 1979.
- Sb21 Diagnostika potokov razrezhennogo gaza. Novosibirsk, 1979.
- Sb22 Fiziko-khimicheskii analiz sverkhprovodyashchikh splavov.
Moskva, 1979.
- Sb23 Sensibilizirovannaya fluorestsensiya smesey parov metallov.
Riga, 1979.
- Sb24 Opticheskiy metody issledovaniy v ballisticheskoy
eksperimente. Leningrad, Nauka, 1979.
- Sb25 Nauchnyye informatsii, no. 38, 1976.
- Sb26 Gornoye davleniye, metody upravleniya i kontrolya.
Vsesoyuznaya konferentsiya po mekhanike gornykh porod.
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- Sb29 Vsesoyuznaya konferentsiya po metodam aerofizicheskikh issledovaniy. 2nd. 1979. Sbornik dokladov. Novosibirsk, 1979.
- Sb30 Issledovaniya po geodezii, aerofotos"yemke i kartografii, no. 4(3), Moskva, 1978.
- Sb31 Fizika i mekhanika deformatsii i razrusheniya, no. 6, Moskva, 1979
- Sb32 Nauchno-tehnicheskaya konferentsiya molodykh uchenyye. 2nd. Materialy. Kiyev, 1979. Deposit at UkrNIINTI, no. 1695, 26 September 1979.
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- Sb34 Elektronnyye i ionnyye protsessy v ionnykh kristallakh, no. 7, Riga, 1979.
- Sb35 Wissenschaftliche Zeitschrift der Friederich-Schiller-universitaet Jena. Mathematisch-naturwissenschaftliche Reihe, no. 2-3, 1978.
- Sb36 Lazernaya spektroskopiya atmosferykh gazov. Tomsk, 1978.
- Sb37 Elektronno-kolebatel'nyye spektry nekotorykh aromicheskikh soyedineniy, no. 2, Smolensk, 1978.
- Sb38 Vliyaniye ionizirovannikh izlucheny na svoystva dielektrikov i poluprovodnikov, no. 1, Moskva, 1979.
- Sb39 Tekhnika radiatsionnogo eksperimenta, no. 6, Moskva, 1978.
- TKiT (TKTEA) Tekhnika kino i televedeniya
- Tr1 Trudy Yerevanskiy universitet. Uchenyye zapiski. Yestestvennyye nauki, no. 1, 1979.
- Tr2 Moskovskiy fiziko-tehnicheskiiy institut. Trudy. Radiotekhniki i elektroniki, no. 13, 1978.
- Tr3 Kuybyshevskiy gos pedagogicheskiy institut. Nauchnyye trudy, no. 221, 1978.
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- Tr5 Tsentral'nyy NII morskogo flota. Trudy, no. 245, 1979.
- Tr6 Leningradskiy elektrotehnicheskiiy institut. Izvestiya, no. 253, 1979.

TVT	(TVTYA)	Teplofizika vysokikh temperatur
UFN	(UFNAA)	Uspekhi fizicheskikh nauk
UFZh	(UFIZA)	Ukrainskiy fizicheskiy zhurnal
VMU	(VMUFA)	Moskovskiy universitet. Vestnik. Fizika, astronomiya
ZhETF	((ZEIFA)	Zhurnal eksperimental'noy i teoreticheskoy fiziki
ZhETF P	(ZFPRA)	Pis'ma v Zhurnal eksperimental'noy i teoreticheskoy fiziki
ZhNiPFiK	(ZNPFA)	Zhurnal nauchnoy i prikladnoy fotografii i kinematografii
ZhPMTF	(ZPMFA)	Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki
ZhPS	(ZPSBA)	Zhurnal prikladnoy spektroskopii
ZhTF	(ZTEFA)	Zhurnal tekhnicheskoy fiziki
ZhTF P	(PZTFD)	Pis'ma v Zhurnal tekhnicheskoy fiziki
ZhVMMF	(ZVMFA)	Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki

V. AUTHOR AFFILIATIONS

NS. Non-Soviet

0. Affiliation not given
1. Physics Institute imeni Lebedev, AN SSSR (Fizicheskiy institut imeni Lebedeva AN SSSR).
2. Moscow State University (Moskovskiy gosudarstvennyy universitet).
3. Institute of Physics, AN BSSR (Institut fiziki AN BSSR).
4. Physicotechnical Institute im Ioffe, Leningrad (Fiziko-tekhnicheskii institut im Ioffe).
5. Institute of Physics, An UkrSSR (Institut fiziki AN UkrSSR).
6. Institute of Semiconductors, AN UkrSSR (Institut poluprovodnikov AN UkrSSR).
7. State Optical Institute im Vavilov, Leningrad (Gosudarstvennyy opticheskiy institut im Vavilova).
12. Leningrad State University (Leningradskiy GU).
13. Institute of Crystallography, AN SSSR (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 (Institut radiotekhniki i elektroniki AN SSSR).
16. Moscow Engineering Physics Institute (Moskovskiy inzhenerno-fizicheskiy institut).
17. Institute of Problems of Mechanics, AN SSSR (Institut problem mekhaniki AN SSSR).
21. Acoustics Institute, AN SSSR (Akusticheskiy institut AN SSSR).
23. Institute of Atomic Energy im Kurchatov, Moscow (Institut atomnoy energii im Kurchatova).
24. Moscow Higher Technical College im Bauman (Moskovskoye vyssheye tekhnicheskoye uchilishche im Baumana).
29. Leningrad Polytechnic Institute (Leningradskiy politekhnicheskii institut).
30. Leningrad Institute of Precision Mechanics and Optics (Leningradskiy institut tochnoy mekhaniki i optiki).
36. Physicotechnical Institute of Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-tekhnicheskii institut nizkikh temperatur AN UkrSSR).
37. Yerevan State University (Yerevanskiy GU).
38. Kazan' Physicotechnical Institute (Kazanskiy fiziko-tekhnicheskii institut).
41. Rostov-on-Don State University (Rostovskiy-na-Donu GU).
44. Institute of Applied Physics, AN MSSR (Institut prikladnoy fiziki AN MSSR).
45. Saratov State University (Saratovskiy GU).
47. Siberian Physicotechnical Institute im Kuznetsov, Tomsk (Sibirskiy fiziko-tekhnicheskii institut im Kuznetsova).
49. Vilnius State University (Vil'nyuskiy GU).
51. Kiev State University (Kiyevskiy GU).
59. Institute of Physics Research, AN ArmSSR (Institut fizicheskikh issledovaniy AN ArmSSR).
63. Institute of Physics, AN LatSSR (Institut fiziki AN LatSSR).
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).
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).
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 SOAN).
77. Institute of Inorganic Chemistry, Siberian Branch, AN SSSR (Institut neorganicheskoy khimii SOAN).
78. Institute of Atmospheric Optics, Siberian Branch AN SSSR (Institut optiki atmosfery SOAN).
79. Institute of Nuclear Physics, Siberian Branch, AN SSSR (Institut yadernoy fiziki SOAN).
82. Physicotechnical Institute, AN UkrSSR, Khar'kov (Fiziko-tekhnicheskiy institut AN UkrSSR).
87. Belorussian State University (Belorusskiy GU).
94. Gor'kiy State University (Gor'kovskiy GU).
98. Institute of Nuclear Physics at Moscow State University (Institut yadernoy fiziki pri Moskovskom GU).
106. Kiev Polytechnic Institute (Kiyevskiy politekhnicheskii institut).
107. Khar'kov State Scientific Research Institute of Metrology (Khar'kovskiy gos NII metrologii).
109. Latvian State University (Latviyskiy GU).
110. Leningrad Electrotechnical Institute (Leningradskiy elektrotekhnicheskii institut).
118. Moscow Physicotechnical Institute (Moskovskiy fiziko-tekhnicheskii institut).
121. Moscow Institute of Chemical Machinery (Moskovskiy institut khimicheskogo mashinostroyeniya).
122. Scientific Research Institute of Physicochemistry im Karpov (NI fiziko-khimicheskii institut im Karpova).
128. Ryazan' Radiotechnical Institute (Ryazanskiy radiotekhnicheskii institut).
137. Voronezh State University (Voronezhskiy GU).
138. Voronezh Polytechnic Institute (Voronezhskiy politekhnicheskii institut).
140. All-Union Scientific Research Institute of Physicotechnical and Radiotechnical Measurements (VNII fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy).
141. All-Union Scientific Research Institute of Opticophysical Measurements (VNII optiko-fizicheskikh izmereniy).
147. Moscow Highway Institute (Moskovskiy avtodorozhnyy institut).
155. North Ossetian State University (Severo-Osetinskiy GU).
159. Institute of Thermophysics, Siberian Branch, AN SSSR (Institut teplofiziki SOAN).
161. Moscow Institute of Radio Engineering, Electronics and Automation (Moskovskiy institut radiotekhnika, elektroniki i avtomatiki).
168. Institute of Electric Welding im Paton, AN UkrSSR (Institut elektrosvarki im Patona AN UkrSSR).
174. Scientific Research Institute of Organic Intermediates and Dyestuffs, Moscow (NII organicheskikh poluproduktov i krasiteley).
177. Riga Institute for Civil Aviation Engineers (Rizhskiy institut inzhenerov grazhdanskoy aviatsii).
180. Institute of Heat and Mass Exchange, AN BSSR (Institut teplo- i massoobmena AN BSSR).
184. Institute of Geochemistry and Analytical Chemistry im Vernadskiy, AN SSSR (Institut geokhimii i analiticheskoy khimii im Vernadskogo AN SSSR).
185. Gor'kiy Polytechnic Institute (Gor'kovskiy politekhnicheskii institut).

190. Central Scientific Research Institute of the Maritime Fleet (Tsentral'nyy NII morskogo flota).
193. Institute of Theoretical and Applied Mechanics, Siberian Branch, AN SSSR (Institut teoreticheskoy i prikladnoy mekhaniki SOAN).
206. Institute of Geology and Geophysics, Siberian Branch, AN SSSR (Institut geologii i geofiziki SOAN).
210. Institute of Physics, Siberian Branch, AN SSSR (Institut fiziki SOAN).
215. Physicotechnical Institute, AN TadzhSSR (fiziko-tekhnicheskii institut An TadzhSSR).
216. Kazan' Aviation Institute (Kazanskiy aviatsionnyy institut).
220. Institute of Experimental Meteorology (Institut eksperimental'noy meteorologii).
229. Moscow Aviation Technological Institute (Moskovskiy aviatsionnyy tekhnologicheskii institut).
231. Scientific Research Institute of Motion Pictures and Photography (NI kinofotoinstitut).
247. Scientific Research Institute of Electrophysical Equipment im Yefremov, Leningrad (NII elektrofizicheskoy apparatury im Yefremova).
248. Institute of Mechanics at Moscow State University (Institut mekhaniki pri Moskovskom GU).
251. Tomsk Institute of Automatic Control Systems and Radioelectronics (Tomskiy institut avtomatizirovannykh sistem upravleniya i radioelektroniki).
276. Institute of Physics of the Earth im Shmidt, AN SSSR (Institut fiziki Zemli im Shmidta AN SSSR).
283. Institute of Physics of Metals, AN UkrSSR (Institut metallofiziki AN UkrSSR).
297. Institute of Chemistry, AN SSSR, Gor'kiy (Institut khimii AN SSSR).
313. Scientific Research Institute of Applied Physics at Irkutsk State University (NII prikladnoy fiziki pri Irkutskom GU).
325. Scientific Research Institute of Physics, Rostov-on-Don (NII fiziki, Rostov-na-Donu).
332. Frunze Polytechnic Institute (Frunzinskiy politekhnicheskii institut).
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379. Gomel' State University (Gomel'skiy GU).
405. Institute of Hydromechanics, AN UkrSSR (Institut gidromekhaniki AN UkrSSR).
424. Voroshilovgrad Mechanical Engineering Institute (Voroshilovgradskiy mashinostroitel'nyy institut).
426. Institute of Applied Physics, AN SSSR, Gor'kiy (Institut prikladnoy fiziki AN SSSR).
458. Kuybyshev Pedagogical Institute (Kuybyshevskiy pedagogicheskii institut).
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517. Leningrad Medical Institute of Public Health (Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut).
518. Institute of Obstetrics and Gynecology, AMN SSSR (Institut akusherstva i ginekologii AMN SSSR).
519. Kazan' Scientific Research Institute of Photographic Technology Planning (KazNIITEKhfotoproyekt)
520. State Astronomical Institute im Shternberg (Gosudarstvennyy astronomicheskiy institut im Shternberga)
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524. Novosibirsk Institute of Railroad Engineers (Novosibirskiy institut inzhenerov zheleznodorozhnogo transporta).

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GAYSINSKIY I M	122	GORYACHIN D A	25				
GAISKIY N V	80	GORYNYA V A	101, 108				
GELIKONOV V M	32	GOTRA Z YU	89				
GELLER YU I	38	GRACHEV A P	116				
GEL' MUKHAROV F KH	81	GRACHEF D	32	IRRAIMOV N M	54	KAARLI R K	42
GENIN V N	52	GRASYUK A Z	79	IGNATOVICH E I	90	KABANOV M V	52, 55, 68
GENINA N V	52	GREGORA I	48	IGNATOVICH T N	84	KACHER B A	98
GENKIN G M	39	GRIGOROV V A	118	IGNATOVICH V I	23	KAKOVLEV S V	43
GERASIMOV B G	110	GRIGOROV V A	41	IGOSHIN V I	70	KALACHIKOV V A	55
GERASIMOV B P	53	GRIGOR'YANTS V V	12	ILIEVA M G	54, 70	KALACHINSKIY S F	66
		GRIGOR'YEV D YU	14	IL'IN G I	70	KALAHUR R	9
				IL'IN I N	54, 70	KALASHNIKOV S P	76
					90	KALECHITS V I	55

KALEJAN V O	91	KAZAFEVICH V S	12	KIZNEROVA V M	28	KONEV YU B	19
KALININ A V	122	KAZANOVA A A	32	KLEMENT'YEV V M	84	KONENKO I I	74
KALININ F V	122	KAZAKOVA B N	?	KLIMA M	27	KONONOV I G	11
KALININ V A	43	KAZAKOV S A	12	KLINENKO M M	91	KONOPLIN S N	3
KALININ V P	25	KAZANIZHAN E P	91	KLINKIN V M	10,15,16,17	KONOV A S	46
KALINOV V S	85	KAZANTSEV A P	3	KLINTONTOVICH YU L	36	KONVALOV V A	32
KALYUZHNAYA G A	117	KAZARYAN M A	7	KLIMOVSKIY I I	15	KONVALOVA N A	94
KAMALH YU E	99	KHABURZANIYA G V	91	KLINZO E F	74	KONSTANTINOV B A	57
KAMALOV I A	91	KHADZHI P I	91	KLIN V P	71	KONSTANTINOVSKIY V A	87
KAMARZIN A A	104	KHANOV V A	91	KLOPOT M M	89	KOPA-OVDIYENKO A L	7
KAMINSKIY A A	2	KHARISOV G G	4	KLOSE E	8,100,106	KOPIEV V G	39
KANDIDOV V P	55,55,66	KHARITONENKO E P	26	KLUSHIN V N	34	KOPYLOV S M	32
KAPITANOV V A	49	KHARITONOVA A I	73,76	KLYAZEV I N	82	KOPYTIN YU D	51
KAPITSA P L	122	KHARITONSKIY S YA	100	KNYUPFER A P	13,79,108	KORBYUYAK D V	109
KAPLUN L YA	73	KHARLANOV V F	104	KNYLYANSKIY A I	84	KORDOMSKIY KH B	113
KAPTSOV L N	24	KHASANOV O KH	69	KOCHAROVSKAYA O A	81	KORHAKOV A A	86
KAPUSTIN A A	91	KHATYREV N P	85	KOCHHELAP V A	43	KORNER S V	114
KARARUT E K	14	KHAYBULLIN I B	77	KOCHUREY S A	23	KORNYU A	109
KARAMZIN YU N	31	KHAYKIN N SH	84,85	KOCHUREY S A	14	KOROBITSYN V A	27
KARANBASHEV V A	115	KHAYUTIN L H	21	KOENLER S H	108	KOROBKIN V V	98
KARAS V I	113	KHIZHNYAK A I	75	KOENLER G	118	KOROBKIN V I	90
KARASIK A YA	105	KHLESKOVA T N	85	KOGAN B YA	41	KOROLENKO I M	116
KARCHEVSKIY A I	80	KHMELEVTSOV S S	63	KOHN H	73	KOROLEV A YE	121
KARGAPOL'TSEV V S	4	KHMELETSOV S S	56	KOKHANENKO U P	58	KOROLEV F A	24
KARIMOV M G	45,125	KHOKHLOV E M	79	KOLBANOVSKAYA N A	84	KOROMKEVICH V P	91
KARIMOVA L M	50	KHOKHLOV G I	49	KOLBASOV G YA	4	KOROTAYEVA YE A	109
KARKACH S P	104	KHOLODOV YU V	56	KOLBYCHEVA P D	17	KOROTKOV A M	28
KARKOV N V	43	KHOLOV A	86	KOLBASHOV G A	1	KORYABIN A V	92
KARLOV G A	79	KHUMICH V YU	27,83	KOLENKIN M YU	43	KORYAKOVSKIY A S	25
KARMANOV S M	18	KHORYAKOV A N	115	KOLENNIKOV P I	70	KOSACHEV V V	115
KARMANOV S G	115	KHRANOV A G	77	KOLESNIK A I	19	KOSHEL'KOV V A	10
KARPENKO S G	32	KHRANOV B V	77	KOLESNICHENKO YE G	55	KOSICHKIN YU V	104
KARPENKO V A	24	KHRONDPULO YU G	34	KOLESHNIKOV I M	48	KOSOROKOVA N L	77
KARPISHIN V V	53	KHURGIN YA B	11	KOLEHOV A V	100	KOSTANYAN R B	1
KARPOVA I V	101	KIEBURG H	3	KOLODZIEJ J	99	KOSTENKO V A	10
KARPUKHIN V I	19	KIPEN' A A	4	KOLODZIEJSKI B	99	KOSTKO O K	66
KARTASHOVA O A	74	KIRCHEVA P	34	KOLODRIVOV A A	119	KOS'TOYANENKO A B	56
KARTAZAYEVA S A	69	KIRICHENKO T K	7	KOLOMENSKIY AL A	37	KOTLOV YU N	104
KARUS YE V	46	KIRILLIN A V	25	KOLOMIYETS R T	100,103	KOTLYARCHUK B K	82
KARYAZOVA E V	93	KIRILLOV N I	122	KOLOSOV V V	67	KOTOV A M	55
KATAYEV I G	83	KIRILOV A YE	16,17,18	KOLOSOV YU A	87	KOTOVA S P	71
KATSEV I L	55,56	KIRKACH YE F	79	KOLTUN V L	10	KOVAL' G I	84,85,86
KATULIN V A	29	KIRPICHNIKOV A V	3	KOLYSHKIN V I	6	KOVAL'CHUK YU V	77
KAUFMAN S A	84,86	KIRSANOV A V	13	KOMAR V G	74	KOVALEV P I	122
KAVKYANOV S I	56	KIRYUKHIN YU I	81	KOMISSAROVA I I	122	KOVALEVSKIY A D	92
KAYGORDOV V A	109	KISELEV V P	121	KOMOLOV V L	91,92	KOVSH I B	71
KAYRO V S	56	KISLOV V I	24	KONDRATENKO A M	42	KOTAVA V T	12
KAYUMOVA G V	56	KISLOVSKIY L D	103	KONDRAT'YEV V S	55	KOZACHENKO M L	9
KAYUSHKIN V A	79	KISLYAKOV V B	89	KONENKOV N V	15	KOZHEVNIKOV A N	84,86
KAZAK V L	91	KIYASHKINA G S	15				52,56

KOZHUKHOVSKIY N N	100	KUCHAYEV S V	115	LAGUNOV A S	93	LOSKUTOV V F	117
KUZIN G I	92	KUCHINSKIY V V	86	LAKHTIONOV V I	75	LOSKUTOV V V	120
KUZINTSEV V I	57	KUDRYAVTSEV I K	44,101	LAKIN YU G	117	LOYKO N A	84
KOZLOV A P	45	KUDRYAVTSEV N N	19	LANDA P S	9	LOYKO V A	75
KOZLOV G I	101	KUDRYAVTSEV YE M	20	LANRATOV S V	24	LOZOVSKIY P M	102
KOZLOV L F	90	KUEHN H	29,84	LARIKOV A V	42	LUCHINSKIY A V	120
KOZLOV V F	19	KUFERT S	29	LARINA R R	115	LUGIN E V	58
KOZLOV V S	57,84	KUKHAROV V N	17	LARIONOV YU P	93	LUGOVOY V I	101
KOZLOVSKIY YE N	99	KUKHARSKIY A A	104	LASHKOV G I	74	LUGOVOY V L	108
KOZDEROV V V	57	KUKHTAREV N V	30	LATYSHEV M N	50,51	LUGOVOY V N	34
KOZYREV YU P	121	KUKK P L	42	LAU A	34	LUKICHEVA A V	111
KRAKALU YU A	77	KULAKOV YU I	53	LAVRISHCHEV V P	82	LUKIN A V	2
KRASNIKOV N S	80	KULIKOV S YU	80	LAZAREV V B	98	LUKIN I V	101
KRASNOLOB N P	108	KULIKOV V V	74	LAZARUK A M	34,39	LUKOSHKOV S V	58
KRASNOSHCHERKOVA YE YE	45,46	KULINKIN B S	109	LDVANDOVSKIY S YU	86	LUK'YANCHIKOV N I	70
	125	KULYASOV A G	93	LEBEDEV O L	29	LUK'YANETS YE A	29
	109	KUMAKHOV M A	42,80	LEBEDEV V I	122	LUPYSHEV S A	8
KRASNOVA T L	27	KUNAVIN A T	15	LEBO I G	19	LUTKOVSKIY V M	52
KRASYUK I K	82,126	KUNIN YU A	105	LEMANOV V V	93	LUTOSHKIN V I	94
KRAULINYA E K	14	KURASHOV V N	74	LENGAUER YE S	4	LUZGIN S N	36
KRAVCHENKO V F	10	KURASHOV V V	97	LENZ K	34	LYAKHOV G A	9,39
KRAYETS H V	81	KURBASOV V V	89,93	LEONTOVICH A M	1,42	LYAMSHEV L M	37
KRAYNOV V P	71	KURBASOVA G S	39	LESHCHENKO V G	101	LYAPIDEVSKIY V K	123
KRAYSKIY A V	56,57	KURIK M V	87	LETKHOV V S	46,79,80,105	LYASHENKO V I	108
KREKOV G M	87	KUROCHKIN A P	109	LETUNOV A A	88	LYSENKO V G	34
KREMETSKIY S D	125	KURSHIN V V	123	LETUNOV A A	7	LYTKIN A P	4
KREPALOVA G V	109	KUTAYEVA G S	75	LEZHAVA B S	5	LYUBCHENKO A V	103
KREYNES N M	36,100	KUTIKOVA N P	89	LI G	38	LYUBCHENKO V V	2
KREYNGOL'D F I	92	KUZIKOVSKIY A V	57,67	LIBERSON M N	28,86	LYUBIN V M	100,103
KRIEG W	66	KUZNECHIK O P	47	LIBERMAN A A	123	LYUBLIN B V	88
KRIKUNOV G A	9	KUZNETSOV A A	104	LIBERMAN M A	112	LYUBOVITSEVA YU S	58
KRINGACH D P	1	KUZNETSOV A I	93	LIBERSON R M	12		
KRINITSYNA L F	87	KUZNETSOV M M	20	LIBERZON R M	30		
KRIVENKO A G	3	KUZNETSOV V A	101	LIPUGA A I	105		
KRIVOSHCHEKOV G V	50	KUZNETSOV V L	43	LISENKER H S	74		
KROCHIK G M	34	KUZNETSOV V M	20	LISLITSA M P	105		
KROKHIN O N	118,119	KUZNETSOV V T A	57	LISKA M	88		
KROTOV YU A	44	KUZOVKOVA T A	30	LITOVCHENKO V G	109		
KRUPITSKIY E I	76	KUZUYKOVA B A	12	LITUNOVSKIY V N	88		
KRUPNOVA L V	118,123	KWIEE P	93	LITVINENKO G I	37		
KRUTIKOV V A	68,69	KWIETNIAK M S	109	LITVINOV O S	87		
KRUTYAKOVA V P	116	KYASHKIN V M	114	LITVINOVA O A	36		
KRUYCHKOVA O I	92			LIVSHITS G S	50,54,58		
KRYUKOV P G	46			LOBANOV V S	114		
KRYUKOVA I V	4			LOBKO V V	108		
KRZHIZHANOVSKIY R YE	91			LOBKOVA L M	58		
KTALKHERMAN M G	19			LOGINOV A P	29		
KUBASOV V A	88			LOKHOV YU N	37,115		
KUCHARSKI M	74			LOPASOV V P	49,58,67,110		
				LOSEV A S	23		
				LOSEV S A	19		
					40		

MALOV A N	78	MAYSTRENKO V I	40	MIROVITSKIY D I	72	MAGIBAROVA I A	68
MAL' SHAKOV V G	30	MAZHUKIN V I	114 124	MIRTOVA S A	113	NAKHUTIN I YE	55
MAL' TSEV A T	17	MAZHURA S C	91	MIRTSKHULAVA N I	179	NAKASKI M J	6
MAL' TSEV A N	10 171	MAZMANYANTS A P	17	MIRZA S YU	8 17	NALIMOV I P	73 75
MAL' TSEV V S	117	MAZURENKO M M	94	MISHAREVA N I	58	NAM R P	71
MALYAROVSKIY A I	37	MEDOVIKOV A S	94	MISHIN G I	20 87 90 92	NAMIOT V A	40
MALYAIN G B	32	MEDVEDEVA M G	94	MISHIN I V	94 95 126	NANCIU C	48
MALYUTA D D	120	MEKHRYAKOVA N G	29	MISHIN V I	57 59 60	NANI R KH	103
MALYUTENKO V K	30	MEL' CHENKO V S	18	MISHIN YE V	105	NAPARTOVICH A P	12 21
MAMEDOV T S	117	MELEKHIN G V	10	MISHINA YE D	46	NARZULLAYEV K N	4
MAMONOVA I G	58	MELEKHOV P V	94	MITSEL' A A	102	NASYROV A N	93
MARAK I S	87	MELESHKO A N	44 101	MITYUSHEVA I V	51 59 65	NAUMOVA T N	109
MANDZHIKOV V F	82 112	MEL'NIK N N	107	MIZIN V M	102	NAZARALIYEV M A	54 60
MANENKOV A A	115 116	MENDE N P	91 92	MIZRUKHIN L V	29	NAZARKIN A V	33
MANISHIN V G	35	MENENKOV V D	30	MOCHALOV A V	75	NECHAYEV S N	49
MANITA O F	15	MERTA I	30	MOCHALOV L V	98	NECHITAYLO V S	115
MANKEVICH S K	30	MERTEN L	35	MOGIL'NITSKIY S R	63	NEOUZHIY S A	75 95
MAN'KO M A	4	MERZLYAKOV A V	80	MOHR U	40	NEKRYLOVA A I	111
MANYKIN E A	59	METEL'NIKOV A A	27	MOISEYEV S S	113	NELEPO B A	61
MANZHARA V S	113	METSIK V M	33	MOLOCHEV V I	4 71	NEMCHINOV I V	113
MANZHURA YU G	47	MEYER W	75	MONASTYREV S S	15 17	NEMKOVICH N A	9
MARASIN L YE	93	MEZHEVOV B S	12	MORICHEV I YE	102	NERYKH G F	73
MARCHEMCO S N	71	MEZHOV-DEGLIN L P	110	MOROZOV V F	60	NEPOKOYCHITSKIY A G	110
MARCHEMCO V M	25	MIHAILESCU I N	95	MOROZOV A M	27	NERUKH A G	75
MARCHEVSKIY F N	35	MIKHAEL'YAN G T	4	MOROZOV A V	15	NEUMANN G	112
MARCZAK J	30	MIKHALEV A N	92	MOROZOV M G	80	NIKIFOROV V G	57
MARENNIKOV S I	3	MIKHALEVICH V G	37	MOROZOV V N	71 94	NIKIFOROVA N K	57
MARGININ A D	20 82	MIKHALEVSKIY V S	14	MOROZOVA A V	64	NIKITENKO V A	110
MARICHEV V N	59	MIKHAYLIN V V	102	MOSKALENKO N I	56 60	NIKITIN M V	84
MARKOVETS V V	25	MIKHAYLOV B A	104	MOSKALIK K G	45	NIKITIN V V	4 14 76
MARKOVICH I E	113	MIKHAYLOV I A	77	MOSTOSLAVSKIY M A	82	NIKOLAYENKO A N	95
MARKOVIN P A	101	MIKHAYLOV L K	32	MOTSNIY F V	74	NIKOLAYEV V D	114
MARTYNOVICH YE F	41	MIKHAYLOV V A	83 96	MOVSHREV V G	13 79	NIKOLAYEV V P	51
MASAGUTOVA R V	33	MIKHAYLOV YU A	123	MOVSIYAN K M	31	NILOV YE V	30
MASALOV A V	28	MIKHAYLOVA G N	84	MOZGO A A	26	NISHCHEMENKO YU P	19
MASARNOVSKIY L V	8 17	MIKHAYLOVA V I	77	MOZHAROVSKIY A M	1	NISHCHENKO M M	81 100
MASHKO V V	85	MIKHEYENKO A V	31	MOZZHUKHIN YE V	23	NISTON L C	95
MASHNIKOV N N	94	MIKHEYEV YU S	28	MUELLER-VOGY G	75	NISTON S V	95
MASLENNIKOV V G	89	MILANICH A I	72 73	MUKOSEYEV YU K	23	NOGA M	102
MASLYUKOV A P	115	MILENIN V M	81	MUNSER R	75	NOLLE P M	48
MASYUKOV V A	101	MILER M	13	MUSTAFIN K S	75	NOSACH V YU	29
MATSEYKO V I	9	MILOVIDOVA S V	48	MUSTAFINA L T	75	NOVAK I I	105
MATSKO M G	106	MILYUKOV YF M	87	MUZIK J	74	NOVIKOV M A	110
MATCONASHVILI B N	108	MILYUTIN YE R	116	MYSOVSKIY S N	41	NOVIKOV N P	116
MATVEYEV I N	59	MINCHEV G G	70	N		NOVIKOV S S	119
MATYUGIN YU A	84	MINNIGULOV A M	25	NATS I F	65	NOVIKOV V P	110
MATYUK V M	79	MIRKIN L I	114 115	NAGAYEV A I	30	NOVOPASHIN S A	93
MATYUSHKIN E V	102	MIRONOV V L	59 68	NAGIBAROV V R	68 69		
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OR YEDKOV A M	41	PAPULOVSKIY V F	24	PETUKHOV V A	29	POPOV YU V	30,87,93
OCHIN YE F	70	PARANOMOV V D	82	PFEIFFER M	34	POPOVA N R	76
ODULOV S G	30	PARFANOV V CH I A	33	PILARSKI J	99	POSTNOY YE L	5
OGNEV L I	65	PARYGIN V N	30	PILIPOVICH V A	70	POSTNOY N P	96
OKHRIMENKO B A	8	PARZHIN S N	56	PILZ M	107	POTAPOV V K	79
OKRUASHVILI T G	38	PASHININ P P	27	PINCHUK S D	58,62	POTEMKIN A K	36
OLEFIR G I	26	PASHANIK G A	35	PISANKO A I	80	POYARKOV A G	86
OLZOYEV K F	67	PASSIA H	99	PISARENKO V F	105	POZDEYEV V V	18
ONOKHOV A P	102	PAUL H	40	PISARENKO V G	36	POZDNYAKOV A YE	115
ORAYEVSKIY M N	19,23	PAVLENKO V S	18	PISAREV R V	101	PRADEL T	29
ORACHEVSKIY L S	1	PAVLOV A V	75,95	PISAREV V S	99	PRAKHOV M S	55,66
ORLOV G N	97	PAVLOV V I	7	PIS'NENNY V D	12	PREVARSKIY S A	78
ORLOV L N	15	PAVLOV V T	71	PIVEN' B T	39	PRIDATCHEMCO YU V	40
ORLOV M S	2	PAVLOV V YE	60	PIVOVARCHIK V F	99	PRILEPIN M T	94
ORLOV M YU	12	PAVLOVA L N	57	PIVOVAROV F L	66	PRISHIVELKO A P	62
ORLOV O A	1	PAVLYUK A A	2	PKHALAGOV YU A	61	PRIVALOVA T A	104
ORLOV V M	52,56	PAWLAK J	99	PLATEK D	30	PRIYEZZHEV A V	96
ORZEGOWSKI H	44	PEKHLIVANOV KH N	70	PLATONOV A V	18	PROKHOROV A M	3,7,27,46,79
OSARCHIY V M	96	PELETSKIY V E	114	PLESHAKOVA L A	120		83,98,105
OSHCHEPKOV S L	61	PELIPENKO V I	104	PLESHANOV YU YE	113	PROKHOROV K A	111
OSHEROV V I	43	PENIN A N	102	PLESSKIY V P	37	PROKOF'YEVA S P	4
OSIKO V V	3,105	PENTIN YU A	109	PLETNEV V V	116	PROKOPENKO V T	96
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OSIPOV V V	120	PEREGUDOV G V	123	PLOTKIN M YE	123	PROKUDINA T M	57
OSIPOV YU I	13	PERGAMENT A KH	7	PLYAVINYA I K	71	PRONINA N V	5
OSIPOVA N V	16	PERMINOVA V M	105	PODOLEANU A G	48	PROSALOVA N A	72
OSTROUKHOV N N	12	PERSHIN A A	55	POEHLER M	26	PROTOPOV O D	6
OSTROUKHOVA I I	44	PERSHIN A A	107	POGININ V I	115	PROTSENKO YE D	14
OSTROUKHOVA G V	122	PESCHEL C	44	POGONIN V I	31	PRYAKHIN YU A	72
OSTROVSKIY A S	30	PESHKO I I	75	POGOSYAN P S	12	PTASHCHEMCO A A	5
OVCHINNIKOV A A	87	PETRANOVSKIY N A	75	POLETAYEV N L	35,111	PUGOVKIN A V	111
OVCHINNIKOV V A	76	PETROVSKYI N A	2	POLIVANOV YU N	70	PULS J	111
OVCHINNIKOV V M	99	PETROSYAN A G	46	POL'SKIY YU V	69	PURYAYEV D T	125
OVCHINNIKOVA YE F	104	PETROV A I	4	POLTORATSKIY B F	33,118	PUSTOVALOV V V	118
OVECHKINA T G	76	PETROV A K	82	POLUEKTOV I A	55,59	PYATAKHIN V I	46
OVECHKIS YU N	40	PETROV A L	29	POLUEKTOV P P	16,18	PYN'KO V G	71
OVSEPYAN R K	88	PETROV A V	93	POLUNIN YU P	20		
OVSYANNIKOV V A	59	PETROV M V	2	POLUYAM V P	97		
OZHOVAN M I		PETROV R L	20	POLYAKOV YU G	115		
		PETROV V D	76	PONDIMARENKO YE P	40,58,110	QUILLFELDT W	111
		PETROV V P	53	PONYAVINA A N	69		
		PETROVA N V	84	POPECHITS V I	9		
PAGES J	100	PETROVICH I P	39	POPESCU D	14,106	R	
PAL'YANOV P A	68	PETROVSKIY G T	116	POPESCU I I	48	RABKIN L M	111
PANCHENKO M V	61	PETROVSKIY V N	14	POPESCU I M	5	RACHKO A Z	102
PANFILOV V N	82	PETRUKHIN A I	113	POPOV A I	31,38	RADYUK I M	62
PANDU A A	116	PETRUKHIN YE A	106	POPOV A K	49	RAGOZIN YE N	123
PANTELEYEV G V	28	PETRUSHEVICH YU V	120	POPOV A M	99	RAKHIMOV R F	57
PANULOVSKIY V F	81	PETRYKIN YU S	119	POPOV A P		RAMENDIK G I	92
PAPERNOV S M		PETUKH M L	111	POPOV P A		RASHKOVICH L N	32

RASSOKHA A A	91	96	RYSHKOVA M V	120	SELYUTIN O N	89	SHCHERBAKOV YE A	26
RAUTIAN S G	35		RYVKIN S M	72	SEM M F	18	SHEFER A D	107
RAYEVSKIY YE V	32				SEMAK D G	79	SHEGLOV YU D	72
REICHE P	2	S			SEMENKO K A	112	SHELEPIN L A	117
RENTSCH S	36		SAARI P M	42,103	SERENOV A S	80,94	SHELUK'KO YU V	92
REPINA G YE	124		SABLNIKOV V A	101	SERENOV E G	97	SHELYKH A I	104
RESHEIN V P	38		SABUROVA L A	62	SERENOV G I	71,76	SHEPELYANSKIY D L	33
REUTOV A T	31,47		SACHKOV V I	84	SERENOV L P	49	SHEPINOV V P	99
REVENKO V I	110		SADOVNIKOV V P	53,54	SERENTSOV D I	27	SHER L M	94
REYNIN B A	79		SADOVSKIY I N	39	SERENTSOV V N	34	SHERMET'YEVA T A	97
REYNES L YU	70		SAFAROV N YU	104	SENYACHKIN B YE	80	SHERMAN V YE	91
RITUS A I	35		SAFONOVA YE P	111	SENATOROV YU M	12	SHEROZIYA G A	121
RODIONOV N B	20		SAFRONOV G S	75	SENICHKINA R S	6	SHEVCHENKO S B	78
ROGACHENSKIY A G	62		SAGALAKOV A M	111	SENIK A V	119	SHEVEL' S G	4
ROKITYANSKIY V I	45		SAGDEYEV R Z	52	SENYUKOV A I	10	SHEVYRIN A YU	19
ROMANOV A B	118		SAGINOVA I D	125	SEREBRYAKOV V A	121	SHEYTEL'MAN G YU	19
ROMANOV N G	3		SAGINOV A I	112	SERGEYEV A B	94	SHIFRIN YA S	97
ROMANOV YU F	70		SALAKHOV M KH	67	SERGEYEVA E N	74	SHIKANOV A S	119
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ROMASHKOV A P	107		SALDIN YE L	42	SEROV YU L	95	SHKEDOV I M	21
RONDAREV V S	85		SALIVON G I	108	SERANOV V F	33,107	SHKLOVSKAYA-KORDI V V	84
ROSLYAKOV V A	96		SAL'KOV YE A	103	SHAFEYEV G A	99	SHKLOVSKIY YE I	37
ROVINSKAYA YU I	123		SALOKHIDDINOV K I	112	SHAFOROSTOV A I	85	SHKUNOV V V	78
ROZANDV A G	73		SAMARSKIY A A	119	SHAKHLAY I P	99	SHLYAPNIKOV G V	44,82
ROZANOV V B	15		SAMOKHVALOV I V	62	SHAKIR YU A	11	SHMAL'GAUZEN V I	83,92
ROZHDESTVIN V N	113,119,122		SAMSON A M	42	SHALAGIN A M	75	SHMAREV YE K	30
RUBANOV A S	1		SARKISOV S E	2	SHALAYEV YE A	24,81	SHMATOV I P	82
RUBEZHNYI YU G	34,39		SARTAKOV V G	79	SHALDIN YU V	32	SHMELEV V M	20,82
RUBINA N M	55		SATOV YU A	120	SHANEL' V A	38	SHOKHUDZHAYEV N	5
RUBINOV A N	32		SATTAROV F A	75	SHANSKIY V F	51	SHOTOV A P	6,108
RURKIN S A	9,111		SAVCHENKO M A	118	SHAPAREV N YA	21	SHPAK M T	112
RUDENKO V P	96		SAVCHENKO M V	62	SHAPIRO R I	21	SHTIRBERG L S	89,97
RUDENOK I P	33		SAVEL'YEV B A	28	SHAPIRO I N	96	SHTYRKOV V V	77
RUDNEVA L B	48		SAVENOK A A	63	SHAPIRO J YA	83	SHUGALOVA A L	117
RUDNEVSKIY N K	63		SAVINOV V P	102	SHARAFUTDINOVA D I	115	SHUL'GA A YA	28
RUDOV S G	110		SAVOSTIN S A	105	SHARONOV G V	27	SHUMILOV E N	59
RUKAVISHNIKOV N N	102		SAVRANSKIY V V	99	SHATALOV O P	13	SHUMOVSKIY A S	44,101
RUKMAN G I	114		SAVUSHKIN A F	88,106	SHATALOV A V	20	SHUSTROV V A	73
RUNETS L P	71		SAYAKHOV R SH	44	SHATILOV A V	116	SHUYKIN N N	60
RUPASOV A A	85		SAZONOV V N	92	SHAYDUK A M	52	SHVAREV YE G	46
RURUKIN A N	119		SCHAU J	118	SHAYTSAN YA F	113	SHVARTS K K	113
RUSEV I R	14		SCHNAPP J D	44	SHCHAVELEV O S	116	SHVEGZMDA ZH L	81
RYBOVA YE A	76		SCHUBERT M	33	SHCHEDRIN A I	21	SIDORIN A V	116
RYABOVA L A	80		SCHUETTE F J	2	SHCHEGLOV P V	98	SIDOROV V G	105
RYABOVA R V	12		SCHULTZE D	96	SHCHEGLOV V A	22,69	SIDOROV V V	60
RYBAKOV V A	76,121		SCHWIDER J	120	SHCHEGLOV V B	15,16	SILANT'YEV V I	16
RYKALIN N N	113		SEBRANT A YU	37	SHCHELEV M YA	76,98	SILICHEV O O	32
RYKHLOVA L V	114		SEDOV L V	24	SHCHEPINOV V P	77	SILIN V P	118,123
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SINIS V P	5	SONCHIK V K	63	SURMELIAN A	102	TIIOVETS YU F	105
SINITSA L N	67	SOROKA A M	81	SUSHEVICH T A	59,60	TKACHENKO B K	12
SINITSYNA Z A	81	SOSKIN M S	30,75	SUSLOV A I	121	TKACHENKO V I	53
SIN'KEVICH A A	63	SOYFER V A	26	SVERBLOV B N	6	TKACHUK A M	2
SINYANSKI V F	22	SPIRIDONOV V A	51	SVELICHNYY I R	19	TLEUBERGENOVA G A	64
SIZOVA I M	63	SPIRIDOVICH A L	94	SVIRIDOV A B	17	TOKAR' YA I	64
SKAL A S	79	SPIRINA I A	94	SVIRKO YU P	9	TOKOVININ A A	98
SKALSKY M	48	SPORNIK N M	69	SVIRKUNOV N P	64	TOLMACHEV V I	49
SKLIZKOV G V	118,119,123	SRESELI O M	72	SMOBODA W	36	TOLMACHEV YU A	10
SKRELIN A L	94	STANCIULESCU C	14,106	SYRNIKOVA T A	87	TOMASHEVSKIY YU A	58
SKVORTSOV G YE	37	STARIKOV A D	7	SYTS'KO YU I	10	TOMIN V I	8,9
SKVORTSOVA YE P	80	STARODUBTSEV A I	12	SZABO L	47	TOMSONS YA YA	98
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SLAVIN O K	89	STASEL'KO D I	78,121	T	TOPOROV YU G	50,53	
SLIMINSKI A	93	STAUPENDAHL G	26	TABARIN V A	65	TOROPOV A K	58
SLORODIN YA M	104	STAVRAKOV G N	30	TABATADZE D G	54,56,64	TOROPOVA T P	101
SLYUSAREV S G	88	STEFFEN J	114	TAGIROV V I	75	TREGUR I G	58
SMAKOVSKIY YU B	11,120	STEPANENKO V I	40	TAGYEV M H	107	TRET'YAKOV G K	108
SMEKHOV G D	123	STEPANENKO V D	65	TAMM T B	103	TRIEBEL W	66
SMIRNOV A G	88	STEPANOV A A	22,69	TANKELEVICH R L	103	TROFIMOV V A	27
SMIRNOV I K	97	STEPANOV A YE	122	TANTASHEV M V	104	TROFIMOVA A A	94
SMIRNOV V A	97	STEPANOV R H	5,71,84,85	TARASENKO V V	50,53	TROITSKIY V G	12
SMIRNOV V G	88	STEPANOV R H	86,126	TARASENKO V V	104	TROPCHENKO A YU	70
SMIRNOV V N	116	STEPANOV D I	110	TARASOV A A	104	TROPCHENKO A YU	88
SMIRNOV V S	3	STEPANOV S I	74	TARASOV I S	5,47	TRUMBACHEV V F	89
SMIRNOV V V	56,62	STEPANOV V V	109	TARASOV V S	98	TRZESONSKI Z	29
SMUROV I YU	114	STERIAN P E	48	TATARENCHIK V S	97	TSAPENKO A M	9
SMYSHLYAYEV S P	24	STERLIGOV V A	4,6	TELEGIN G V	64	TSAREGRADSKIY V B	43
SNYKOV V P	63	STETSENKO T P	113	TELEGIN L S	31	TSEYLER V I	72
SOBKO A I	41	STOLOV A L	2	TEL'NIKHIN A A	52	TSIBULYA A B	85
SOROLEV G A	76,126	STOTSKIY G I	12	TEODORESCU V	95	TSIDULKO I	5
SOROLEV L M	33	STRAKHOV V P	85	TERENT'YEV YU I	64	TSIGURO N G	88
SOROLEV V A	12	STRELKOV G M	53,54	TERESHCHENKO A I	110	TSIKULOV A N	70
SOROLEVA L V	111	STREL'NIKOVA YE R	11,120	TERZI V F	60	TSURIKOV V I	109
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SOKOLOV A V	17	STRAIZHEVSKIY V L	92	THIEDE G	44	TUCHKEVICH V M	77
SOKOLOV I T	46	STROGANOVA N S	112	TIBILOV V K	5	TURMACHEV G V	110
SOKOLOV S A	93	STROKACH YU P	48	TIKHOMIROV A A	48	TUMAKOV A G	61
SOKOLOV V V	51	STYROKY J	85	TIKHOMIROV A G	96	TUMANOVA A N	110
SOKOLOVA YE M	46	STYSIN V YE	17	TIKHOMIROV R A	110	TUZOVA S I	59,68
SOKOVINOV V G	10	SUKHANOV V B	72	TIKHOMIROV S V	85,86	TYAGAY V A	4,6
SOLDATKIN N P	27,28,50	SUKHANOV V I	8	TIKHONENKO V I	123	TYAKHT V V	80
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SOLOMKO A A	40	SUKHODOL'SKIY A T	91	TIMCHENKO B A	84	TYRYSHKIN I S	110
SOLOMONOV V I	15,16	SUKHORUKTIKH V S	63	TIMOFEYEV V P	31	U	
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SOLOV'YEV N A	121	SUKHORUKOVA A K	71	TIMOFEYEVA L N	112		
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ULANOVSKIY M V	85		VEREMINOV I A	98				YEMEL'YANOVA G M	103
ULANOVSKIY O N	49		VERESHCHAGIN V G	69				YENGOYAN T M	109
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ULYAKOV P I	117		VERETENNIKOV V V	64				YEREMENKO V V	102
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URPIN V A	121		VESHCHUNOV YU P	3				YERKO A I	78
USIKOV A S	5		VEYDENBAKH V A	77				YERMAKOVA M V	85
USIN V A	97		VIKHAREV V D	119				YERMAKOVA T B	76
USKOV A V	83		VILL A A	42				YERSHOV A YU	77
USOL'TSEV I F	115		VINETSKIY V L	30				YERSHOV B V	26
USOV V S	94,98		VINKE A L	105				YEVSTIGNEYEV V V	122
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UTENKOV B I	93		VINOGRADOVA A A	9				YEVTYUKHOV K N	24
UTYANYSHEV I R	70		VIRNIK YA Z	22				YUDIN A I	121
UZHEGOV V N	61		VITRIKHOVSKIY N I	4,6				YUDIN V I	26
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			VLAJMIROV V V	21				YURYSHEV N M	19
			VLASENKO A I	103				YUSHIN A S	46
			VLASOV G I	71				YUZHAKOV V I	41
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VALE G K	71		VOICHINSKAYA M I	124				ZABELLO YE I	8
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VASHCHILLO A G	98		VOROB'YEV A A	83				ZAKAZNOV P N	30
VASILETS P A	13		VOROB'YEV N S	98				ZAKHARENKO YU A	119
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VASIL'KOVSKIY D N	6		VORONTSOV L F	5				ZAKHAROV V M	66
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VASIL'YEV A B	103		VOSKOBONNIKOV YU YE	65				ZAPASSKIY V S	100
VASIL'YEV F P	36		VOSTRIKOV A A	80				ZAPOROZHCHENKO R G	99
VASIL'YEV YU S	85		VOTINOV M P	103				ZAPOROZHCHENKO V A	99
VASIN B L	119		VOYEKOVA YE D	77				ZARETSKIY YE B	114
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VAYRIK I	88		VOYTSSEKHOVSKAYA O K	49				ZAROSLOV D YU	13
VAYNER V V	18		VTYURIN A N	113				ZASAVITSKIY I I	108
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VEDENEYEV A A	20		VYSLOUKH V A	9				ZAWADZKI Z	99
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ZHABOTINSKIY M YE	12
ZHDANOV G S	114
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ZHIGLINSKIY A G	86
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ZHITNIKOV R A	3, 39
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ZHUCHENKO A A	6
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ZHUKOV A P	88
ZHUKOV N D	5
ZHUZE V P	104
ZIL BERSHTEYN KH I	117
ZINCHENKO S P	18
ZLATSKIY V T	100
ZLODEYEV A G	32
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ZOLIN V F	39
ZOLOTAKEV A I	71
ZOLOTOV YE M	26
ZON R A	113
ZONOV V A	104
ZOREV N M	119
ZOTOV O V	67
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ZUYEV V YE	67
ZYUBRIK A I	79