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# Bibliography of Soviet Laser Developments

## November - December 1986

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## BIBLIOGRAPHY OF SOVIET LASER DEVELOPMENTS

No. 86

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Date of Report

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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 1986, and is No. 86 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; crystal growing; theoretical aspects of advanced lasers; and general laser theory. Laser applications are listed under biological effects; communications systems; beam propagation; adaptive optics; 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 1986, 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 Soviet Reference Journals (journals of abstracts) are also included. Laser items from the popular or semipopular press are generally omitted. All sources cited with no parenthetical notation are available at the Library of Congress. A parenthetical entry 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.

Since our computer is not now able to print between lines, superscripts and subscripts are indicated by (sup) and (sub).

We are producing the entire bibliography on computer. To make our bibliography compatible with other data bases, for source abbreviations, we use the letter codens generally used in our own government rather than transliterations of abbreviations used in the Soviet Union. Likewise, we use letter codens to designate affiliations. The authors' affiliations are indicated in parentheses after the authors' names in the text. Empty parentheses indicate that the affiliation was not given. A source abbreviations list, authors' affiliations list, and author index are included in the back of the bibliography.

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## I. BASIC RESEARCH

### A. SOLID STATE LASERS

#### 1. Crystal

##### a. Miscellaneous

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- c. LiF
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- c.  $\text{Er}^{3+}$
  - d.  $\text{Ho}^{3+}$
  - e.  $\text{Tm}^{3+}$

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- a. Theory
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- e. CdS
- f. ZnSe
- g.  $\text{Pb}(1-x)\text{Sn}(x)\text{Te}$
- h. InGaAsP

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- a. Miscellaneous
- b. Nd
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c. Et

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a. Miscellaneous

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- g. Xanthene
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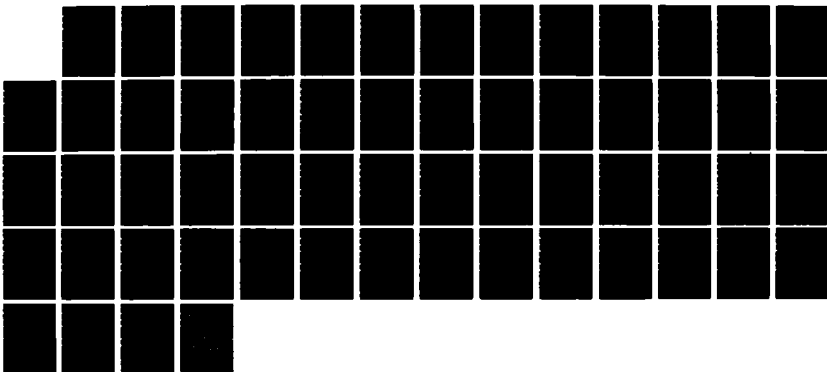
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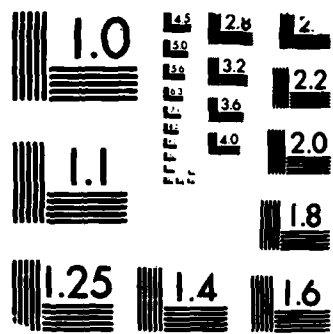
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## J. BEAM-TARGET INTERACTION

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K. PLASMA GENERATION AND DIAGNOSTICS

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#### IV. SOURCE ABBREVIATIONS

(Note: CTC = cover-to-cover translation available)

AKZHA	Akusticheskiy zhurnal (CTC)
AMALB	Apparatura i metody rentgenovskogo analiza (sbornik, Leningrad)
APZCA	Acta physica et chemica. Szeged
ARELA	Archiwum elektrotechniki (Warsaw)
ASTFB	Astrofizika (CTC)
ATPPL	Acta physica polonica. Series A
AVTMB	Avtometriya (CTC)
BULE	Buletinul Institutului politehnic Gheorghe Gheorghiu-Dej, Bucuresti. Seria electronica
BUMD	Buletinul Institutului politehnic Gheorghe Gheorghiu-Dej, Bucuresti. Seria mecanica
CHDMB	Mitteilungsblatt Chemische Gesellschaft in der DDR
CHKhVol	Mezhdunarodnyy simpozium po khimicheskim voloknam
CHSEMFi	Mezhdunarodnyy seminar: Teoretiko-gruppovyye metody v fizike
CHSPri	Mezhdunarodnoye soveshchaniye po tsiklotronam i ikh primeneniyu
CHABA	Bolgarskaya akademiya nauk. Doklady (formerly: Bulgarska akademiya na naukite. Doklady)
CHMRUP	Chislennyye metody resheniya uravneniya perenosa
CHAVTFG	Vsesoyuznaya konferentsiya: Aktual'nyye voprosy teplofiziki i fizicheskoy gidrodinamiki
CHPLNKh	Vsesoyuznaya konferentsiya: Primneniye lazerov v narodnom khozyaystve

CVSFBPr Vsesoyuznyy seminar: Fizika  
bystroprotekayushchikh plazmennykh  
protssessov

CVSGVzry Vsesoyuznyy simpozium po goreniyu i vzryvu

CVSIZGPA Vsesoyuznoye soveshchaniye: Inversnaya  
zaselennost' i generatsiya na perekhodakh  
v atomakh i molekulakh

CVSMSVSR Vsesoyuznyy simpozium po molekulyarnoy  
spektroskopii vysokogo i sverkhvysokogo  
razresheniya

CVSTPIzl Vsesoyuznyy seminar po teplovym priyemnikom  
izlucheniya

CZYPA Czechoslovak Journal of Physics

DANKA Akademiya nauk SSSR. Doklady (CTC)

DANTA Akademiya nauk Tadzhikskoy SSR. Doklady

DAZRA Akademiya nauk Azerbaydzhanskoy SSR. Doklady

DBLRA Akademiya nauk BSSR. Doklady

DNRAD Deponirovannyye nauchnyye raboty.  
Yestestvennyye i tochnyye nauki, tekhnika.  
Yezhemesyachnyy bibliograficheskiy ukazatel'.  
(formerly DERUD)

DPSSA Diagnostika plazmy (sbornik, Moskva)

DUKAB Akademiya nauk Ukrayns'koy RSR. Dopovidi.  
Seriya A. Fiziko-matematychni ta tekhnichni  
nauki

EKNTB Elektronika (Warsaw)

EKVZA Elektrosvyaz' (CTC)

ELKCA Elektrotechnicky casopis

EOBMA Elektronnaya obrabotka materialov (CTC)

ETFMB Akademiya nauk Estonskoy SSR. Izvestiya.  
Fizika, matematika

EXPPA Experimentelle Technik der Physik



- 11111 Prace Komisji matematyczno-przyrodniczej  
 Poznanskié towarzystwo przyjaciól nauk.  
 Fizyka dielektryków i radiospektroskopia
- 11112 Fizika gorenija i vzryva (CTC)
- 11113 Fizika plazmy (Moskva, AN SSSR) (CTC)
- 11114 Fiziko-khimicheskaya mekhanika materialov (CTC)
- 11115 Fizika i khimiya obrabotki materialov
- 11116 Fizika i khimiya stekla (CTC)
- 11117 Fizika nizkikh temperatur (Kiyev) (CTC)
- 11118 Fizika poluprovodnikov i poluprovodnikovaya  
 elektronika (Saratov)
- 11119 Fizika i tekhnika poluprovodnikov (CTC)
- 11120 Fizika tverdogo tela (CTC)
- 11121 Fizicheskaya elektronika (sbornik, L'vov)
- 11122 Fizika (Yugoslavia)
- 11123 Godishnik na Sofiyskiya universitet.  
 Fizicheski fakultet
- 11124 Geodeziya i kartografiya (CTC)
- 11125 Akademiya nauk Armyanskoy SSR. Izvestiya. Fizika
- 11126 Akademiya nauk Kazakhskoy SSR. Izvestiya.  
 Seriya fiziko-matematicheskikh nauk
- 11127 Akademiya nauk SSSR. Izvestiya. Seriya  
 fizicheskaya (CTC)
- 11128 Akademiya nauk SSSR. Izvestiya. Seriya  
 khimicheskaya (CTC)
- 11129 Akademiya nauk Tadzhikskoy SSR. Izvestiya.  
 Otdeleniye fiziko-matematicheskikh i  
 geologo-khimicheskikh nauk
- 11130 Akademiya nauk SSSR. Izvestiya.  
 Fizika atmosfery i okeana (CTC)

IMZGA	Akademiya nauk SSSR. Izvestiya Mekhaniki zhidkostey i gazov (CTC)
INKSA	Akademiya nauk Kirgizskoy SSR. Izvestiya
IUZFA	Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IVNMA	Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy (CTC)
IVUBA	Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye (CTC)
IVUFA	Izvestiya vysshikh uchebnykh zavedeniy. Fizika (CTC)
IVUZB	Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika
IVYRA	Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika (CTC)
IZKOD	Issledovaniye Zemli iz kosmosa (Moskva)
IZTEA	Izmeritel'naya tekhnika (CTC)
KHFID	Khimicheskaya fizika (CTC)
KHVKA	Khimiya vysokikh energiy (CTC)
KNLTA	Knizhnaya letopis'
KOZHA	Kolloidnyy zhurnal (CTC)
KRISA	Kristallografiya (CTC)
KRSFA	Kratkiye soobshcheniya po fizike (CTC)
KVEKA	Kvantovaya elektronika (journal, Moskva) (CTC)
KVELA	Kvantovaya elektronika (sbornik, Kiyev)
LFSBA	Litovskiy fizicheskiy sbornik (CTC)
LZFTA	Akademiya nauk Latviyskoy SSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk
LZSTA	Letopis' zhurnal'nykh statey

MKETA	Mikroelektronika (journal, Moskva) (CTC)
MLKSA	Molekulyarnaya spektroskopiya. Leningradskiy gos universitet. Sbornik
MTRLB	Metrologiya
NACHA	Nachrichtentechnik-Elektronik (GDR)
OPAPB	Optica applicata (Poland)
OPMPA	Optiko-mekhanicheskaya promyshlennost' (CTC)
OPSPA	Optika i spektroskopiya (CTC)
OTIZD	Otkrytiya, izobreneniya
PAUKA	Pomiary, automatyka, kontrola
PFKMD	Poverkhnost'. Fizika, khimiya, mekhanika (Moskva)
PRBRD	Priborostroyeniye (sbornik, Minsk)
PRSUB	Pribory i sistemy upravleniya (CTC)
PRTEA	Pribory i tekhnika eksperimenta (CTC)
PSSAB	Physica status solidi (A). Applied Research (GDR)
PSSBB	Physica status solidi (B). Basic Research (GDR)
PZTFD	Zhurnal tekhnicheskoy fiziki. Pis'ma (CTC)
PZTKA	Przeglad telekomunikacyjny
RAELA	Radiotekhnika i elektronika (journal, Moskva) (CTC)
RATEA	Radiotekhnika (journal, Moskva) (CTC)
RFELB	Radio-Fernsehen-Elektronik
RTKHA	Radiotekhnika (sbornik, Khar'kov)
RZFZA	Referativnyy zhurnal. Fizika
RZGFA	Referativnyy zhurnal. Geofizika
RZRAB	Referativnyy zhurnal. Radiotekhnika

SAKNA	Akademiya nauk Gruzinskoy SSR. Soobshcheniya
SCEFA	Studii si cercetari de fizica
TEHBA	Tehnika (Yugoslavia)
TLKMA	Telekomunikacije (Yugoslavia)
TMFZA	Teoreticheskaya i matematicheskaya fizika (CTC)
TVYTA	Teplofizika vysokikh temperatur (CTC)
UFIZA	Ukrainskiy fizicheskiy zhurnal (Russian language version) (CTC)
UFNAA	Uspekhi fizicheskikh nauk (CTC)
VABFA	Beloruskiy universitet. Vestnik. Seriya fiziko-tekhnicheskikh nauk
VBMFA	Beloruskiy universitet. Vestnik. Seriya 1. Matematika, fizika, mekhanika
VEOFA	Vestnik oftal'mologii
VKFLA	Voprosy kurortologii, fizioterapii i lechebnoy fizicheskoy kul'tury
VKPRB	Kiyevskiy politekhnicheskiy institut. Vestnik. Seriya radioelektronika
VMEZA	Voyenno-meditsinskiy zhurnal (CTC)
VMUFA	Moskovskiy universitet. Vestnik. fizika, astronomiya (CTC)
WDTEA	Wiadomosci telekomunikacyjne
WZTHA	Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau
ZETFZA	Zhurnal eksperimental'noy i teoreticheskoy fiziki (CTC)
ZFKHA	Zhurnal fizicheskoy khimii (CTC)
ZFPRA	Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma (CTC)
ZNOKA	Zhurnal neorganicheskoy khimii (CTC)

ZNPFA	Zhurnal nauchnoy i prikladnoy fotografii i kinematografii (CTC)
ZPMFA	Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki (CTC)
ZPSBA	Zhurnal prikladnoy spektroskopii (CTC)
ZRBEA	Zarubezhnaya radioelektronika
ZTEFA	Zhurnal tekhnicheskoy fiziki (CTC)
ZVDLA	Zavodskaya laboratoriya (CTC)
ZVMFA	Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki (CTC)

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Arzamas State Pedagogical Institute
- BGU**  
Beloruskiy gos universitet  
Belorussian State University
- BPI**  
Beloruskiy politekhnicheskiy institut  
Belorussian Polytechnical Institute, Minsk
- Chermetinform**  
TsNII informatsii i tekhniko-ekonomicheskikh  
issledovaniy chernoy metallurgii Ministerstva  
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- FMIANUkr**  
Fiziko-mekhanicheskiy institut AN Ukr SSR  
Physical Mechanical Institute, Academy of Sciences Ukrainian  
SSR, L'vov
- FTI**  
Fiziko-tekhnicheskiy institut im Ioffe AN SSSR  
Physicotechnical Institute im Ioffe, Academy of  
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- FTIANTadzh**  
Fiziko-tekhnicheskiy institut AN TadzhSSR  
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- FTIB**  
Fiziko-tekhnicheskiy institut AN BSSR  
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FTINT  
 Fiziko-tekhnicheskii institut nizkikh temperatur AN UkrSSR  
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GEOKhI  
 Institut geokhimii i analiticheskoy khimii  
 im Vernadskogo AN SSSR  
 Institute of Geochemistry and Analytical Chemistry  
 imeni Vernadskiy, Academy of Sciences USSR, Moscow

GGU  
 Gor'kovskiy gos universitet  
 Gor'kiy State University

GIGA  
 Geologicheskii institut AN GruzSSR  
 Geological Institute, Academy of Sciences  
 Georgian SSR, Tbilisi

GNIKhTES  
 Gos NII khimii i tekhnologii elementoorganicheskikh  
 soyedineniy  
 State Scientific Research Institute of Chemistry and  
 Technology of Organoelemental Compounds

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 Gosudarstvennyy opticheskii institut im Vavilova  
 State Optical Institute imeni Vavilov, Leningrad

GrodGU  
 Grodnenskiy gos universitet  
 Grodno State University

GrPI  
 Gruzinskiy politekhnicheskii institut  
 Georgian Polytechnic Institute, Tbilisi

IAE  
 Institut atomnoy energii im Kurchatova  
 Institute of Atomic Energy imeni Kurchatov, Moscow

IAESOAN  
 Institut avtomatiki i elektrometrii SOAN  
 Institute of Automation and Electronic Measurements,  
 Siberian Branch Academy of Sciences USSR

IBF  
 Institut biofiziki AMN SSSR  
 Institut of Biophysics, Academy of Medical  
 Sciences USSR, Moscow

IEANUZ  
 Institut elektroniki AN UzSSR  
 Institute of Electronics, Academy of Sciences  
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IEM  
 Institut eksperimental'noy meteorologii  
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Ivano-Frankovskiy State Pedagogical Institute

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Institute of Physics Research, Academy of Sciences  
Armenian SSR

IFPV  
Institut fiziki poluprovodnikov AN LitSSR  
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IFSOAN  
Institut fiziki SOAN  
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Sciences USSR, Krasnoyarsk

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**IOAN**  
 Institut okeanologii AN SSSR  
 Institute of Oceanography, Academy of Sciences  
 USSR, Moscow

**IOF**  
 Institut obshchey fiziki AN SSSR  
 Institute of General Physics, Academy of Sciences  
 USSR, Moscow

**IONKh**  
 Institut obshchey i neorganicheskoy khimii  
 im Kurnakova AN SSSR  
 Institute of General and Inorganic Chemistry imeni  
 Kurnakov, Academy of Sciences USSR, Moscow

**IPANUK**  
 Institut poluprovodnikov AN UkrSSR  
 Institute of Semiconductors, Academy of Sciences  
 Ukrainian SSR, Kiev

**IPFANM**  
 Institut prikladnoy fiziki AN MSSR  
 Institute of Applied Physics, Academy of Sciences  
 Moldavian SSR, Kishinev

**IPM**  
 Institut prikladnoy matematiki AN SSSR  
 Institute of Applied Mathematics, Academy of Sciences  
 USSR

**IPMEN**  
 Institut problem modelirovaniya v energetike AN UkrSSR  
 Institute for Problems of Modeling in Power Engineering,  
 Academy of Sciences Ukrainian SSR, Kiev

**IPTMOM**  
 Institut problem tekhnologii mikroelektroniki i  
 osobochistykh materialov AN SSSR  
 Institute for Problems of the Technology of  
 Microelectronics and Extra Pure Materials, Academy of  
 Sciences USSR, Chernogolovka

**IRE**  
 Institut radiotekhniki i elektroniki AN SSSR  
 Institute of Radioengineering and Electronics, Academy  
 of Sciences USSR, Moscow

**IRFEANArm**  
 Institut radiofiziki i elektroniki AN ArmSSR  
 Institute of Radiophysics and Electronics, Academy of  
 Sciences Armenian SSR, Ashtarak

**IRFEANUK**  
 Institut radiofiziki i elektroniki AN UkrSSR  
 Institute of Radiophysics and Electronics, Academy of  
 Sciences Ukrainian SSR

**ISAN**  
 Institut spektroskopii AN SSSR  
 Institute of Spectroscopy, Academy of Sciences USSR

**ISE**  
 Institut sil'notochnoy elektroniki SOAN  
 Institute of High-Current Electronics, Siberian Branch  
 Academy of Sciences USSR, Tomsk

**ITEF**  
 Institut teoreticheskoy i eksperimental'noy fiziki  
 Institute of Theoretical and Experimental Physics, Moscow

**ITPM**  
 Institut teoreticheskoy i prikladnoy mekhaniki SOAN  
 Institute of Theoretical and Applied Mechanics, Siberian  
 Branch Academy of Sciences USSR, Novosibirsk

**IVS**  
 Institut vysokomolekulyarnykh soyedineniy AN SSSR,  
 Leningrad  
 Institute of high molecular compounds,  
 Academy of Sciences USSR, Leningrad

**IVTAN**  
 Institut vysokikh temperatur AN SSSR  
 Institute of High Temperatures, Academy of Sciences USSR

IYaFANKaz  
 Institut yadernoy fiziki AN KazSSR  
 Institute of Nuclear Physics, Academy of Sciences  
 Kazakh SSR, Alma-Ata

IYaFANUZ  
 Institut yadernoy fiziki AN UzSSR  
 Institute of Nuclear Physics, Academy of Sciences  
 Uzbek SSR, Ulugbek

IZMIRAN  
 Institut zemnogo magnetizma, ionosfery i  
 rasprostraneniya radiovoln AN SSSR  
 Institute of Terrestrial Magnetism, the Ionosphere  
 and Radiowave Propagation, Academy of Sciences USSR

KaGU  
 Kazanskiy gos universitet  
 Kazan' State University

KazFTI  
 Kazanskiy fiziko-tekhnicheskiy institut AN SSSR  
 Kazan' Physicotechnical Institute, Academy of  
 Sciences USSR

KeGU  
 Kemerovskiy gos universitet  
 Kemerov State University

KGU  
 Kiyevskiy gos universitet  
 Kiev State University

KhGU  
 Khar'kovskiy gos universitet  
 Khar'kov State University

KomGMI  
 Kommunarskiy gorno-metallurgicheskiy institut  
 Kommunarsk Mining and Metallurgy Institute

KPIA  
 Kiyevskiy politekhnicheskiy institut  
 Kiev Polytechnic Institute

KuPI  
 Kuybyshevskiy politekhnicheskiy institut  
 Kuybyshev Polytechnic Institute

LETI  
 Leningradskiy elektrotekhnicheskiy institut  
 Leningrad Electric Engineering Institute

LGU  
 Leningradskiy gos universitet  
 Leningrad State University

LITLP  
 Leningradskiy institut tekstil'noy i legkoy  
 promyshlennosti  
 Leningrad Institute of Textile and Light Industry

LIYaF  
 Leningradskiy institut yadernoy fiziki im B.P.  
 Konstantinova, AN SSSR  
 Leningrad Institute of Nuclear Physics imeni B.P.  
 Konstantinov, Academy of Sciences USSR, Leningrad

LMZ  
 Leningradskiy metallurgicheskiy zavod  
 Leningrad Metallurgical Plant

LPI  
 Leningradskiy politekhnicheskiy institut  
 Leningrad Polytechnic Institute

LTI  
 Leningradskiy tekhnologicheskiy institut  
 Leningrad Technological Institute

LvGU  
 L'vovskiy gos universitet  
 L'vov State University

LVIMU  
 Leningradskoye vyssheye inzhenernoye morskoye  
 uchilishche im S.O. Makarova  
 Leningrad Higher Marine Engineering College  
 imeni S.O. Makarov

MEI  
 Moskovskiy energeticheskiy institut  
 Moscow Power Engineering Institute

MFTI  
 Moskovskiy fiziko-tekhnicheskiy institut  
 Moscow Physicotechnical Institute

MGMIVt  
 Vtoroy Moskovskiy gos meditsinskiy institut  
 im Pirogova  
 Second Moscow State Medical Institute imeni Pirogov

MGU  
 Moskovskiy gos universitet  
 Moscow State University

MIET  
 Moskovskiy institut elektronnoy tekhniki  
 Moscow Institute of Electronic Engineering

MIFI  
 Moskovskiy inzhenerno-fizicheskiy institut  
 Moscow Engineering Physics Institute

MIIGAik  
 Moskovskiy institut inzhenerov geodezii,  
 aerofotos"yemki i kartografii  
 Moscow Institute of Engineers of Geodesy,  
 Aerial Photography and Cartography

MISIS  
 Moskovskiy institut stali i splavov  
 Moscow Institute of Steel and Alloys

MITKhT  
 Moskovskiy institut tonkoy khimicheskoy tekhnologii  
 imeni Lomonosova  
 Moscow Institute of Fine Chemical Technology  
 imeni Lomonosov

MNIIMG  
 Moskovskiy NII mikrokhirurgii glaza MZ RSFSR  
 Moscow Scientific Research Institute of Microsurgery  
 of the Eye, Ministry of Health, Russian SFSR

**MRI**  
 Minskiy radiotekhnicheskiy institut  
 Minsk Radio Engineering Institute

**NIFKHI**  
 NI fiziko-khimicheskiy institut im Karpova  
 Scientific Research Institute of  
 Physicochemistry imeni Karpov

**NIIPFI**  
 NII prikladnoy fiziki pri Irkustskom gos universitete  
 Scientific Research Institute of Applied Physics at  
 Irkutsk State University

**NIIPFP**  
 NII prikladnykh fizicheskikh problem pri  
 Belorusskom gos universitete  
 Scientific Research Institute of Applied Physics  
 Problems at Belorussian State University

**NIISI**  
 NII stabil'nykh izotopov  
 Scientific Research Institute of Stable Isotopes

**NIIYaF**  
 NII yadernoy fiziki pri Moskovskom gos universitete  
 Scientific Research Institute of Nuclear Physics at  
 Moscow State University

**NIKFI**  
 NI kinofotoinstitut  
 Scientific Research Institute of Motion Pictures and  
 Photography, Moscow

**NIOPIK**  
 NII organicheskikh poluproduktov i krasiteley  
 Scientific Research Institute of Organic  
 Intermediates and Dyes, Moscow

**NITsTLAN**  
 NI tsentr po tekhnologicheskim lazeram AN SSSR  
 Scientific Research Center for Industrial Lasers,  
 Academy of Sciences USSR

**NTORES**  
 Nauchno-tekhnicheskoye obshchestvo radiotekhniki,  
 elektroniki i svyazi im A.S. Popova  
 Scientific and Technical Society of Radio Engineering,  
 Electronics and Communications imeni Popov, Moscow

**OIYaI**  
 Ob'yedinennyy institut yadernykh issledovaniy  
 Joint Institute of Nuclear Research, Dubna

**ONIITEkhim**  
 Otdeleniye NII tekhniko-ekonomicheskikh issledovaniy  
 khimicheskoy promyshlennosti  
 Department of Scientific Research Institute of Technical  
 Economic Studies of the Chemical Industry, Cherkassy

**OTANUZ**  
 Otdel teplofiziki AN Uzbekskoy SSR  
 Department of Thermophysics, Academy of Sciences  
 Uzbek SSR

PermMI  
 Permskiy meditsinskiy institut  
 Perm' Medical Institute  
 PermPI  
 Permskiy politekhnicheskiy institut  
 Perm' Polytechnic Institute  
 RGU  
 Rostovskiy-na-Donu gos universitet  
 Rostov on Don State University  
 Rostsel'mash  
 Rostovskiy zavod sel'skhozyaystvennogo  
 mashinostroyeniya  
 Rostov Agricultural Machinery Plant  
 SFTI  
 Sibirskiy fiziko-tekhnicheskiy institut im Kuznetsova  
 Siberian Physicotechnical Institute imeni Kuznetsov,  
 Tomsk  
 SGU  
 Saratovskiy gos universitet  
 Saratov State University  
 SimGU  
 Simferopol'skiy gos universitet  
 Simferopol State University  
 TashGU  
 Tashkentskiy gos universitet  
 Tashkent State University  
 ToPI  
 Tomskiy politekhnicheskiy institut  
 Tomsk Polytechnic Institute  
 TsNIITEIlegprom  
 TsNII informatsii i tekhniko-ekonomicheskikh  
 issledovaniy legkoy promyshlennosti Ministerstva  
 legkoy promyshlennosti SSSR  
 Central Scientific Research Institut of Information  
 and Technical Economic Studies for Light Industry,  
 Ministry of Light Industry USSR, Moscow  
 TsNIITEIpriboro  
 TsNII informatsii i tekhniko-ekonomicheskikh  
 issledovaniy priborostroyeniya, sredstv  
 avtomatizatsii i sistem upravleniya  
 Central Scientific Research Institute of  
 Information and Technical Economic Studies on  
 Instrument Manufacture, Means of Automation,  
 and Control Systems, Moscow

TsNIITEItraktor

TsNII informatsii i tekhniko-ekonomicheskikh  
issledovaniy po traktornomu i sel'sko-  
khozyaystvennomu mashinostroyeniyu Ministerstva  
traktornogo i sel'skokhozyaystvennogo  
mashinostroyeniya

Central Scientific Research Institute of Information  
and Technical Economic Studies on Tractor and  
Agricultural Machinebuilding for the Ministry of  
Tractor and Agricultural Machinebuilding

TulPI

Tul'skiy politekhnicheskiy institut  
Tula Polytechnic Institute

UDN

Universitet druzhby narodov im Lumumby  
University of Friendship Among Peoples  
imeni Lumumba, Moscow

UkrNIINTI

Ukrainskiy NII nauchno-tekhnicheskoy informatsii i  
tekhniko-ekonomicheskikh issledovaniy Gosplana  
UkrSSR

Ukrainian Scientific Research Institute of Scientific  
and Technical Information and of Technical Economic  
Studies for the State Plan of the Ukrainian SSR, Kiev

UNTSIE

Institut elektrokhemii Ural'skogo nauchnogo tsentra  
AN SSSR

Institute of Electrochemistry, Ural Scientific  
Center, Academy of Sciences USSR, Sverdlovsk

UrPI

Ural'skiy politekhnicheskiy institut  
Ural Polytechnical Institute, Sverdlovsk

UzhGU

Uzhgorodskiy gos universitet  
Uzhgorod State University

VGU

Voronezhskiy gos universitet  
Voronezh State University

VilGU

Vil'nyusskiy gos universitet  
Vilnius State University

Vil'nISI

Vil'nyusskiy inzhenerno-stroitel'nyy institut  
Vilnius Civil Engineering Institute

VINITI

Vsesoyuznyy institut nauchnoy i tekhnicheskoy  
informatsii  
All-Union Institute of Scientific and Technical  
Information, Moscow

VNIFTRI  
 VNII fiziko-tekhnicheskikh i radiotekhnicheskikh  
 izmereniy  
 All-Union Scientific Research Institute of Physico-  
 technical and Radiotechnical Measurements, Moscow

VNIIavtogenmash  
 VNI i konstruktorskiy institut avtogennogo  
 mashinostroyeniya  
 All-Union Scientific Research and Design  
 Institute of Welding Machinery

VNIIESO  
 VNI proyektno-konstruktorskiy i tekhnologicheskii  
 institut elektrosvarochnogo oborudovaniya  
 All-Union Scientific Design and Planning and  
 Technological Institute of Electric Welding  
 Equipment

VNIETO  
 VNII elektrotermicheskogo oborudovaniya  
 All-Union Scientific Research Institute of  
 Electrothermal Equipment

VNIIGBol  
 VNII glaznykh bolezney  
 All-Union Scientific Research Institute of  
 Eye Diseases, Moscow

VNIIOFI  
 VNII optiko-fizicheskikh izmereniy  
 All-Union Scientific Research Institute of  
 Optophysical Measurements, Moscow

VNITsISPiV  
 VNI tsentr po izucheniyu svoystv poverkhnosti i vakuuma  
 All-Union Scientific Research Center for Studying the  
 Properties of Surfaces and Vacuums, Moscow

VoPI  
 Volgogradskiy politekhnicheskii institut  
 Volgograd Polytechnic Institute

VTsKFSoAN  
 Vychislitel'nyy tsentr Krasnoyarskogo filiala SOAN  
 Computer Center of the Krasnoyarsk Branch of the  
 Siberian Branch Academy of Sciences USSR

YeFI  
 Yerevanskiy fizicheskii institut  
 Yerevan Physics Institute



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BRYKSIN V V	29,30,75	CHERNYAKOV A L	69	DITTSE KH I	90
BUCHACHENKO A L	69	CHERNYAY A I	90	DIVINSKIY V V	103
BUCHANOV V V	17	CHERSKAYA N O	90	DLUGUNOVICH V A	105
BUCHENKOV V A	1	CHESKIS S T	69	DMITRIYEV A K	69
BUGAJSKI M	111	CHESNOKOV V I	20	DMITRIYEV A YE	33
BUGRIM YE D	21	CHILLAG L	58	DMITRIYEV V A	60
BUGRIMOV S N	23	CHINILINA N V	80	DMITRIYEV V P	90
BUKATYY V I	61	CHIPLIS D	40	DMITRIYEV YU N	90

DNEPROVSKIY V S	32,84	FEDOTOV S I	107	GERBREDER V I	84
DOBROVOL'SKIY V F	99	FEDUYLEYEV B V	67	GERMEY K	33
DOBRUNIK M V	2	FELDVARI I	34	GERSHENZON YU M	74
DODONOV V V	32,57	FELINSKIY G S	51	GERSHOYG A V	51
DOKUCHAYEV V G	84	FEOFILOV S P	83	GERUS A V	27
DOLENKO D A	91	FESHCHENKO I A	97	GETSKO O M	96
DOLGANIN YU N	75	FIALKO N M	101	GINZBURG N S	43
DOLGIKH V A	10	FIALKOV YU YA	94	GIPPIUS N A	104
DOLGOV-SAVEL'YEV G G	24	FILIMONOV D A	100	GIRDAUSKAS V V	64
DOMRACHEV S I	50	FILIPPOV O K	80	GIRENKO YU N	21
DONCHENKO V A	61	FILIPPOV V V	58	GIRGEL' S S	57
D'ORDYAY V S	96	FILONOV A G	8,19	GLADKOV S M	33,91
DOROFEYEV I A	32	FINAGENTOV A V	53	GLADUSH G G	99,104
DOSMAGAMBETOV YE S	3	FIRSOV K N	12	GLASER E	98,99
DOVZHENKO A V	59	FISHMAN I S	110	GLAUBERMAN G YA	99
DRENDA K	99	FISTUL' V I	99	GLAZACHEV B I	33
DROBAKHA S A	87	FLEROV G N	90,108	GLEBOV L B	84
DROBYAZKO S V	99,104	FLORESCU I TH	98	GLUKHOV YE I	47
DROFA A S	62	FOELLMER K	81	GLUSHKOV S M	91
DRUZHININ V V	2	FOK M V	85	GNATENKO YU P	91
DUBETSKIY B YA	32	FOMENKO L A	14,20	GNATOVSKIY A V	64
DUBINSKIY M A	1	FOMENKOV I V	2	GNIADY J	76
DUBNISHCHEV YU N	74	FOMICHEV A A	1	GOCHELASHVILI K S	58
DUBNYAKOV V N	103	FOMIN N A	70	GOZHAYEV M O	89
DUBOVSKIY P YE	15	FOMIN V A	10,51	GOETZ E	49
DUBROV A N	103	FOMINA N I	28	GOETZ G	99,106
DUBROVSKIY V A	33,69	FRANCISZEK K	76	GOL'DBERG M M	44
DUDNIKOV YU A	110	FRAYERMAN A A	28	GOL'DFARB I S	51
DUKHOVNYI A M	63	FRENZ H P	55	GOLENISHCHEV-KUTUZOV V A	41
DUMITRU M A	40	FRIED M	100	GOLGER A L	99
DURGARYAN K S	74	FROLOV M P	36	GOLOVASHKIN A I	99
DYACHENKO A A	50	FURER V L	91	GOLOVIN YU I	21
DYACHENKO S V	94			GOLOVINSKIY P M	13
D'YACHKOV A I	6	GABDRAKHMANOV M N	79	GOLOVKO L F	101
DYAD'KIN A P	69	GADE R	90	GOLUBEV V S	98
DYADYUSHA G G	30	GADONAS R A	91	GOLUBEV V V	30
DYANKOV G L	51	GAIN YU M	46	GOMZIN V N	77
DYKMAN M I	32,34	GAKAMSKIY D M	91	GONCHAROV V A	66
DYMSHITS YU I	41	GALICHIY A A	107	GONCHARSKIY A V	106
DZHAGUPOV R G	26	GALKIN S L	75	GORBATOV YU A	28
DZHETYBAYEV YE O	63	GALKINA T I	83	GORBENKO YU D	72
DZHUMAYEV M R	38	GAL'PERN A D	66	GORBULIN YU M	77
DZHURTANOV B YE	4	GALYAUDTINOV M F	37	GORBUNOV YE P	73
DZYUBENKO M I	9,22	GANCHERENOK I I	6,84	GORBUSHIN V V	37
		GANEYEV R A	37	GORCHAKOV L V	18
EBANOIDZE M K	4	GAPONOV S V	28	GORDIYENKO V M	60,84
ECKARDT P	28	GAPONTSEV V P	86	GORDIYUK N M	47
EFTIMOV T A	53	GARASHCHUK V P	103	GORDON YE B	23
EISSNER K E	81	GARBUZOV D Z	88	GORELENKO A YA	7
ELSSNER K E	81	GARSHEV V I	71	GORELIK A G	61
ENGELAGE D	51	GARUCHAVA D P	108	GORELIK V I	90
ESHKOBILOV N B	96	GARYAGDYEV G	87	GORELIK V S	36,90,91
EZROKH L I	53	GASILOV V A	61	GORELOVA YE L	33
		GAVRILOV S P	9,22	GORIN A M	77
FADEYEV V V	91	GAVRILOV V V	107,108,109	GORNYI S G	98
FAM LE KIYEN	32	GAVRILYUK A P	84	GORODETSKAYA O G	105
FASAKHOV I K	108	GAYDA L S	97	GORODETSKIY I YA	87
FASSLER D	90	GAYDAY YU A	59	GORODTSOVA I I	85
FAYNBERG A S	61	GAYEK M	64	GOROG T	43
FAYNBERG B D	91	GAYKO O I	16	GOROKHOV V V	23
FAYZULLOV T F	90	GAYNER A V	32	GOROKHOV YE YU	51
FEDAK V V	67	GAYSENOK V A	7	GORYACHEV B V	58
FEDENEV A V	16	GAZENKO V A	47	GORYACHEV P V	66
FEDORCHENKO A M	19	GELASHVILI G V	107	GORYUSHKIN G V	77
FEDORIV R F	71	GELLER M A	104	GOVORKOV S V	37,105
FEDOROV A V	86	GELLER YU I	108	GOVOROVA YE Z	51
FEDOROV M V	44	GEL'MONT B L	4	GOVORUN D N	51,91
FEDOROV V V	2	GEMINOV V N	102	GOYKHMEN V KH	14
FEDOROVA O M	97	GENERALOV N A	98	GRABCHIKOV A S	2
FEDOROVICH R D	102	GENKIN V M	28	GRACHEV I D	110
FEDOROVICH V YU	58	GERASIMOV B YA	50	GRAJA A	91
FEDOSEYEV A I	14	GERASIMOV V A	18	GRATSIANOV K V	44

GREBENSHCHIKOV L T	78	IGNATS P N	73	KADZIELA J	80
GREBENSHCHIKOVA N I	83	IGNAT'YEV A V	75	KAGAN V D	39
GRENISHIN S G	92	IGNAT'YEV I S	92	KAGANOVICH E B	86,92
GRIBKOV V A	76	IGNAT'YEV N K	67	KALASHNIKOV M P	107
GRIBOV L A	92	IGNJATIJEVIC D	62	KALININ S V	17
GRIDIN YU I	68	IGOSHIN V I	102	KALININ YU G	77
GRIGONIS R	5	IL'CHENKO A YA	9,42	KALINKIN A V	47
GRIGOROV V A	2	IL'IN D V	108	KALINKINA I N	42
GRIGORUK V I	38	IL'IN N A	20	KALINNIKOV V V	48
GRIGORYAN A G	31	IL'IN YU B	51	KALINUSHKIN V P	85,106
GRIGORYAN G G	39,43	IL'INA T S	46	PALITTEYEVSKIY N I	110
GRIGORYAN YU I	12	ILJICS N	28	KALMAKOV L V	82
GRIGOR'YANTS V V	51	IM TKHEK DE	35	KAMENSKIY YU V	89
GRIGOR'YEV D M	72	IMAS YA I	44	KAMINSKIY A A	3
GRIGOR'YEV I F	92	IMENKOV A N	4	KAMINSKIY V M	91
GRIGOR'YEV S F	39	IMNAISHVILI M SH	81	KAMRUKOV A S	23
GRIGOR'YEV S V	104	INOZEMTSEV V I	50	KANAPENAS R M V	101
GRIGOR'YEV V N	1	INSHAKOV D V	1,2	KANDIDOV V P	60
GROMOV V K	110	IOFIN O N	38	KANDIDOVA O V	75
GRUDIN O M	51	IOGANSEN A A	69	KAPILEVICH B YU	24
GRUDININ A B	51	IOGANSEN L V	92	KAPLYANSKIY A A	83
GRUZINSEIY V V	7	IONIKH YU Z	75	KAPUSTIN V V	10
GREANNA J	81	IONIN A A	13	KAPUSTINA G M	47
GREHIPEK P	64	IONOV S I	68,88	KARABAYEV M K	57
GUBIN M A	71	IPATOVA I P	92	KARANDASHEV S A	5
GUDKOV V A	77	ISAKOV A A	61	KARAPETYAN G O	87,110
GUDYMENKO L F	4	ISAKOV I M	22	KARASEK M	52
GUETHER R	107	ISAKOV S A	76	KARASEV A V	10
GUL'BINAS I A	101	ISAYEV A A	17,18,41	KARASEV V P	52
GULE YE G	4	ISAYEV S K	43	KARASIK A YA	38
GUMAN V N	105	ISHCHENKO V N	22	KARATAYEV YE N	97
GUMBERIDZE G G	107	ISHKHANYAN S P	31	KARDANEV A B	77
GUMENYUK V G	75	ISYANOVA YE D	2	KARELIN V I	23
GURASHVILI V A	74	IVANCHENKO A I	14,99	KARLOV N V	68
GURDISOV V P	82	IVANOV A P	58	KARNYUSHIN V N	10
GURPOV K P	106	IVANOV A YU	105	KARPOV A P	104
GUROV YU V	50	IVANOV L M	38	KARPOV S YU	106
GUR'YANOV A N	49	IVANOV N A	1,2	KARPOV V G	72
GUR'YADYAN G G	38	IVANOV M G	21	KARPOV V I	49
GURZHEYEV YE A	71	IVANOV O P	69	KARPUSHKO F V	2
GUSEV YE A	58	IVANOV V A	74	KARTAVYY S K	98
GUSEV S A	28	IVANOV V K	87	KARU T Y	46
GUSEV V A	29	IVANOV YE V	92	KARULE E M	70
GUSEV V E	83	IVANOVA N A	77	KARUZSKIY A L	99
GUSEV V G	66	IVANOVA S V	84	KASHCHUK O L	103
GUSEV V V	33,69	IVANOVA T M	92	KASHIN V V	99
GUS'YEV YE F	58	IVANOVA V S	102	KASHNIKOV G N	22
GUSYANOV G G	83	IVANOVSKIY G F	28	KASIMOV G G	95
GUSEYNOV Z Z	94	IVCHENKO YE L	33,37	KATS A G	46
GUSHNETS V I	16	IVLEV YE I	33	KATSAN I I	76
GUSOVSKIY D D	52	IVONIN A V	61	KATSEV I L	58
GUSNENKOV V YA	99	IVSHIN V N	90	KATULIN V A	45,102
GUTMAN M B	99,103	IVSHINA T N	90	KAUFMAN S A	72
GUTOVA I I	76	IZAKSON G M	98	KAULAKIS B P	33
GUMMANI I	32	IZMAYLOV A CH	12,85	KAULAKIS YU P	77
GUTAL J	100	IZMAYLOV I A	16	KAWA F	77
GUTER R	107	IZYUMOV S V	74	KAYEM R I	47
				KAZAK N S	37
HALETTIG TH	52	JABLONSKI T	52	KAZAKEVICH A V	67
HAUSLER F	79	JACOB G	28	KAZAKOV S A	69
HAJEK H	64	JAHN R	27	KAZAKOV V V	18
HAMAL K	3	JANKIEWICZ Z	27	KAZANTSEV L S	99
HECHT F K	33	JOHANSEN H	70	KAZAROV YU YE	69
HERRMANN J	110	JOHST K	70	KAZARYAN A K	85
HOEPMLEIN W	49	JUHASZ T	85	KAZARYAN M A	18
HOFMANN D	52	JUNGE K	107	KAZHIDUB A V	71
HRIBEK F	64			KECHEK A G	58
		KAARLI R K	67	KEESE I	52
IBRAGIMOV SH SH	21	KABAYEV N V	85	KELOGLU O YU	89
IBRAYEV N KH	8	KACHINSKIY A V	36	KERIMOV O M	10,21,107
IGNACZ P N	73	KACHURIN L G	77	KERTESZ I	28
IGNATOV A N	52	KADOSHA I I	7	KEZHENIS A P	96

KHABIBULLAYEV P K	101,105	KLIVADENKO V A	11	KOROTEYEV N I	37,105
	110	KLOCHAN YE L	25	KOROTKOV P A	37,51,91
KHACHATRYAN A KH	33	KLOKISHNER S I	42	KOROVIN L I	29,30,75
KHALIMONOVA I N	42,95	KLYKOVA T V	25	KORTENSKI T G	53
KHAMIDULLIN B SH	65	KLYUCHNIKOV V M	92	KORTUNOV V N	71
KHANDOKHIN P A	4	KLYUYENKOV YE B	108	KORYAKOVSKIY A S	20
KHANIN YA I	4	KLYUYEV V G	100	KOSAREVA L I	76
KHANKOV S I	28	KNYAZEV B A	87	KOSELJA M	3
KHAPALYUK A P	24	KNYUPFER A P	72	KOSENKO YE K	64
KHAPOV YU I	22	KOBII.DZHANOV O A	4	KOSHELENKO V P	24
KHARCHENKO N P	42,95	KOBYLYANSKIY A I	90	KOSHELEV V N	47,111
KHARITONOVA YU A	49	KOCHELAP V A	16,23,33	KOSICHKIN YU V	93
KHASANOV G	96	KOCHETOV I V	74	KOSITSKAYA N G	47
KHASENOV M U	13,21,107	KOCHETOV YE A	33	KOSODUROV S I	67
KHATKEVICH A G	58	KOCHUBEY S A	22	KOSOLOBOV S N	92
KHATYAINITSEV S N	56	KOENIG R	24	KOSTRITSA S A	21,107
KHAYBULLIN I B	37,100,106	KOKORA A N	103	KOSTYK L V	42
KHAYDAROV A V	4	KOKURIN YU L	3	KOSTYUCHENOK B M	47
KHERMAN Y	110	KOLCHINA G A	40	KOSYAKOV V I	50
KHLESKOVA T N	51	KOLDUNOV M F	100	KOSYNKIN V D	98
KHOCHKINA O I	42	KOLEROV A N	1	KOTAI E	100
KHOKHLOV E M	68	KOLESNIK A I	58	KOTEL'NIKOV I N	78
KHOLODNYKH A I	61	KOLESNIK A V	25	KOTEL'NIKOV S S	108
KHOMENKO A F	6	KOLESNIKOV YU G	48	KOTEROV V N	14
KHOMENKO A V	30	KOLESNIKOV YU L	9	KOTKOV A A	13
KHOMENKO S V	16	KOLEVA I T	25	KOTON M M	101
KHOPIN V F	49	KOLOBASHKIN V M	107	KOTOV B A	105
KHORENYAN R G	51	KOLOBKOVA YE V	92	KOTOV O I	76
KHOROSHILOV YE V	23	KOLOBOV A V	100	KOTOV V A	78
KHOTIMCHENKO V S	76	KOLOMENSKIY AL A	63	KOTOV V M	27
KHOTYAINITSEV S N	56,75	KOLOSKOV L A	49	KOTOVA I N	47
KHOVTYANSKIY V A	11	KOLOTYRKIN YA M	69	KOUZOV A P	93
KHRAMTSOVA V I	27	KOL'TSOV A I	101	KOVACH D SH	96
KHRAPKO A V	75	KOMAR V N	97	KOVAL' N N	16
KHRISTOFOROV O B	21	KOMAROV G P	76	KOVAL'CHUK YU V	106
KHROMOV I YE	70	KOMAROV O V	19	KOVALENKO A I	74
KHROMUSHIN V A	56	KOMLEV A A	65	KOVALENKO S YE	21
KHRUSTALEV V G	104	KONDAKOV A G	50	KOVALENKO V F	111
KHULUGUROV V M	1,2	KONDILENKO YE I	39	KOVALENKO V S	101
KHURKHULU YU S	27,77	KONDRASHOV S V	99	KOVALEV D I	97
KHUSAINOV B R	46	KONONENKO V L	81	KOVALEVSKIY M M	35
KHVYL' L M	56	KONSTANTINOV A V	93	KOVAL'SKIY N G	107
KIBALCZYC W	80	KONSTANTINOV B A	7	KOVALYUK Z D	84,91
KICHAYEV A V	52	KONSTANTINOV V N	51	KOVAR J	28
KIKINESHIN A A	67	KOPTEV V G	2	KOVARSKIY V A	89
KILIKOVSKIY V V	47	KOPTEV YU V	18	KOVNER M A	92
KIPPASTO A G	22	KOPYLOV V B	101	KOVTUN A V	90
KIRCHEVA P P	92	KOPYLOVA T N	9	KOWALSKI A	53
KIRIK YU M	49	KOPYLOVA YE K	1	KOZEL S M	78
KIRSEY V I	103	KOPYSOV I A	78	KOZHEVNIKOV A V	20
KIRYUKHIN YU B	20	KORCHAZHKIN V V	104	KOZHEVNIKOV I V	26,28
KISELEV V A	52	KORENEV M S	78,80	KOZHEVNIKOVA I N	64
KISELEV V I	105	KORN G	107	KOZIARKIEWICZ W	75
KISELEV V P	102	KORNEV A F	44	KOZICH V P	2
KISELEV V V	56	KORNIKOV S T	15	KOZIONOV A L	46
KISELEVA I N	85	KORNIYENKO A A	64	KOZLENKOV A A	34
KISHKINA V YA	47	KORNIYENKO A I	85	KOZLOV N P	22,23
KISHKOVICH O P	74	KORNIYENKO L S	25	KOZLOV P V	93
KISTENEV E P	66	KORNIYENKO S E	85	KOZLOVA V V	85
KITAYEVA V F	58	KORNIYENKO V V	96	KOZLOVSKIY S I	106
KLABUKOV V YA	78	KOROBITSYN V A	41	KOZ'YARKEVICH V	75
KLEIN G	52	KOROBOCHKIN A YE	109	KRASAVINA YE M	5
KLEJMAN H	45	KOROBOV A M	7,8	KRASHENINNIKOV V V	14,99
KLEMENTOV A D	22,92	KOROBOV S I	8	KRASIKOV N N	78
KLIM B P	71	KOROCHKIN I M	47	KRASNOPEVTSEV V N	61
KLIMANOV A V	87	KOROLENKO P V	20	KRASNOVBOBOTSEV S I	99
KLIMASHINA A G	7	KOROLEV A YE	67	KRASNOV I V	84
KLIMENKO I S	67	KOROLEV I YA	62	KRASOVSKIY V V	88
KLIMENKO V A	51	KOROLEV YU G	87	KRAUKLIS A V	70
KLIMOV V I	84	KOROLEVICH M V	93	KRAVCHENKO I V	76
KLIMOVSKIY I I	17,99	KOROL'KOV M V	6	KRAVCHENKO V I	8,93
KLIOT-DASHINSKAYA I M	67	KOROL'KOV V I	40,53	KRAVCHISHIN V V	42

KRAVETS A N	67	KUROCHKIN V YU	10	LIBROVICH N B	94
KRAVTSOV N V	25	KUROV V S	11,12	LIKHANSKIY V V	20,39
KRAVTSOV YU A	38	KURZENKOV V N	66	LIPOV V YA	99
KREKOV G M	61	KUSHNIR M A	100	LIPOVSKAYA M YU	53
KREKOVA M M	61	KUSHNIR V F	53	LIPOVSKIY A A	53
KREMKO YE V	104	KUTI CS	85	LIPTUGA A I	26
KRIKUNOVA E M	62	KUTLIN A P	58	LISINA V M	67
KRIVORUCHKO V I	46	KUTNER V B	108	LISITSA M P	4,34,42,67
KRIVOSHEYEV M I	49	KUTSAK A A	72	LISITSYN V M	65
KRIVOSHLYKOV S G	57,59	KUTSENKO V N	111	LISOVSKIY F V	27
KRIVOZYATEV D A	52	KUZ'MENKO N YE	3	LITVIN V N	78
KROKHIN O N	76	KUZ'MENKO V A	14,29,69	LITVINCHUK A P	88
KROO N	58	KUZ'MIN V V	39	LITVINCHUK L A	77
KROPACHEV A V	42	KUZ'MIN YU YE	21,107	LITVINOV V M	79
KRUGLOV B V	107	KUZNETSOV A R	9	LITVINOVA G G	46
KRUGLOV I A	53	KUZNETSOV A V	49	LIUKONEN R A	92
KRUKOVSKIY A YU	61	KUZNETSOV I M	38	LIVSHITS G SH	79
KRUSZEWSKI J	29	KUZNETSOV V I	61	LOBANOV B D	2
KRYL' I A	47	KUZNETSOVA T V	70	LOBODA L I	9,42
KRYLOV V V	7,100	KUZOVLEV A I	59	LOCHMANN ST	53
KRYNETSKIY B B	69	KVACH V V	2	LOGGINOV A S	4
KRYSANOV S A	93	KVAPIL J	3	LOGVIN YU A	24
KRYUCHIN A A	65	KVAPIL JOS	3	LOHNER T	100
KRYUCHINA L I	65	KYZYLASOV YU I	96	LOKHMAN V N	88
KRYUKOV A P	49			LOKHNYGIN V D	1
KRYUKOV P G	36	LABUDA A A	25	LOMAKIN V G	75
KRYUKOVA I V	5	LACHIN YU YU	44	LOMAYEV M I	13
KSANDOPULO G I	69	LAKOBA I S	92	LONGINOV V D	66
KSENOFONTOVA N M	93	LAMEKIN P I	79	LOPOTA V A	98
KUBANTSEV M A	71	LAMEKIN V F	67	LOSEV V F	21
KUBE E	53	LANCRANJAN I	5,25	LOSHKAREV V V	90
KUBELKA J	3	LAN'KOVA S M	9	LUGINA A S	37
KUBYSHKIN A P	84	LAPTEV A R	98	LUKASHENKO S V	90
KUCEPA S	26	LAPTEV V B	70	LUKES F	79
KUCHIKYAN L M	38,66	LARIONOV V V	58	LUKIN A N	68
KUCHINSKIY S A	58	LARIONTOV YE G	25	LUKOMSKIY V P	89
KUDIN A M	68	LASTOCHKINA V A	93	LUK'YANCHUK V S	69
KUDRYAVTSEV A A	11	LATUSH YE L	12,18	LUK'YANENKO V T	47
KUDRYAVTSEV YE M	19	LATYSHEV A N	100	LUK'YANOV A M	51
KUHL H D	52	LAVRENTYUK V YE	14	LUNIN B S	70
KUJAWSKI A	45	LAVRIK V V	59	LUZGIN S N	43,49
KUKA G	53	LAVROVSKAYA O I	37	LYABIN N A	19
KUKHTAREV N V	34,64	LAVRUSHIN B M	106	LYAKH G D	18
KUKLEV YU I	85,100	LAZARENKO YU V	77	LYAKHOV G A	40
KUKLIN A YE	22	LAZAREV A N	92	LYAMSHEV L M	41
KUKUSHKIN A B	79	LAZAREVA L V	8	LYAPCHENKOVA I B	66
KUKUSHKIN V G	59	LAZERSON A G	38	LYAPIDEVSKIY V K	107
KULAGIN I A	37	LAZNEVA E F	93	LYASHENKO V I	16
KULAGIN V V	40	LAZOVIC S	48	LYASHKO O M	72
KULEKOV P V	69	LEBEDENKO V N	71	LYPTSEV A V	34
KULESH V P	29	LEBEDEV F V	15	LYSENKO V G	94
KULESHOV S M	106	LEBEDEV S S	63	LYSKOV V A	53
KULESHOV S YE	47	LEBO I G	108	LYUBCHANSKIY I L	32
KULEV S S	72	LEHMANN J	79	LYUBIMOV V V	44
KULIKOV A N	90	LEMANOV V V	75	LYUBIMTSEV V A	96
KULIKOV YU YU	62	LEMEFHOV N V	93	LYUBIN V M	100
KOLYUK L L	73	LEMESHKO V V	37	LYUBOVITSKIY V P	101
KOLYUPIN YU A	102	LENDVAY E	43		
KOND G G	97	LENEVA A YE	79	MACH P	79
KUNIN V YA	30	LEONOV A G	22	MADGAZIN V R	4
KUPCHINSKIY N L	8	LEONOV P G	15	MAGARAMOV D A	47
KUPRIONIS Z A	33	LEONOV YU S	13	MAGDINA I I	27
KUPRIYANOV I L	104	LEONT'YEVA I N	84	MAJCHROWSKI A	41
KURASHOV V N	65	LERMAN A YE	66	MAJEWSKI A	54
KURBANOV K	3	LESIV A R	84	MAK A A	44
KURBASOV V V	60	LESNOY M A	18	MAKARETSKIY YE A	27,54
KURBATOV G M	70	LETOKHOV V S	88	MAKAROV G N	88
KURKIN M G	43	LEVIN I M	63	MAKAROV N P	37
KURKIN YU L	66	LEVIN V A	61	MAKAROV V A	25
KURNOSOV A K	74	LEVIN V M	53,54	MAKARYCHEV S V	20
KUROCHKIN N N	60	LEVKOVSKIY A A	108	MAKHOTKIN V YE	50
KUROCHKIN V I	100	LIBERMAN A A	72,73	MAKOSA A	84

MAKRENKO S N	21	MAZETS T F	85	MITYAGIN M V	1
MAKRETSOV S I	71	MEDVEDEV B A	33,69	MITYAGIN YU A	4
MAKSIMCHUK A M	107	MEDVEDEV D K	15	MIYDLA P KH	108
MAKSIMOV L V	87	MEDVEDOVSKAYA L A	103	MIZERACZYK J	11
MAKSIMOV YU P	98	MEKHTIYEV N M	94	MIZIN V M	3
MAKSIMOVA N K	106	MELIKYAN A O	43	MKRTCHYAN V YE	35
MAKSIMOVA N T	2	MELISHCHUK M V	30	MNUSKIN V YE	7
MAKSIMYAK P P	57	MELLER A S	4	MOEBLIUS K	52
MAKURIN YU N	95	MEL'NIK V S	34	MOGILEVA L M	42
MALAKHOVA T P	103	MEL'NIKOV L A	34	MOGIL'NITSKIY S B	58
MALAKHOVA V I	67	MEL'NIKOV L YU	23	MOI L	85
MALAYA L YA	100	MEN'SHAKOV V S	6	MOIN M D	103
MALAZONIYA D V	39	MEN'SHIKH A YE	56	MOISPEYEV S S	88
MALDUTIS E K	101	MERANOVA N O	101	MOLDOYAROV A A	32
MALININ B G	9	MERKEL K	81	MOLL I	54
MALINOVSKIY V S	108	MERKER W	94	MOLOCHNIKOV B I	79
MALJUTYIN A	28	MERKULOV V N	55	MOLODYKH E I	17
MALOMED B A	34	MERTEN L	39	MORDOVETS N A	78
MAL'TSEV A N	18	MERTENS F	83	MOROZENKOV A A	15
MALYAROVSKIY A I	65	MERTENS V	83	MOROZOV A N	20,56
MALYKH N I	79	MESHKOVSKIY I K	9	MOROZOV N V	22
MALYKHIN K V	50	MESYATS G A	16	MOROZOV V N	79
MALYSH M M	98	MEYER O	54	MORY S	24
MALYSH V N	26	MEZETS SH ZH	73	MOSKALENKO A V	74
MALYUGIN A V	39	MEZEY G	100	MOSKALENKO I V	77
MALYUKIN YU V	31	MICHALSKI W	14	MOZOL' P YE	98
MALYUTA D D	16,20,102	MICLOS S	25	MROZIEWICZ B	111
MAMAYEV S B	22	MIGACHEV S A	41	MUCHIYEV S G	53
MAMULIYA L K	65	MIHAILESCU I N	98,104	MUELLER G	82
MAMYSHEV P V	38	MIKAELIAN A L	65	MUKHA V A	36
MANEK B	29	MIKHAYLOV S I	63	MURADYAN A ZH	31
MANELIS G B	111	MIKHAYLOV V A	1	MURATOV L S	46
MANENKOV A A	106	MIKHAYLOV YU A	107	MURAV'YEV A V	4
MANISHIN V G	39	MIKHAYLOVA G N	106	MURAV'YEV I I	12
MAN'KO O V	57	MIKHAYLOVA M P	48	MURAV'YEVA T M	6
MAN'KO V I	32,60	MIKHAYLOVA N V	101	MURGA V V	29
MANUABA A	100	MIKHKEL'SOO V T	17,41	MURIN D I	85
MANUKYAN A M	76	MIKHOV M	54	MURINA T M	85
MANYKIN E A	54,105	MIKLAVSKAYA YE M	37	MURZAKHANOVA A Z	76
MANYKIN E Z	43	MIKUCHENIS V F	96	MURZIN V N	4
MARCHENKO N A	109	MILL' B V	3	MUSAYEV T SH	104
MARCHENKO V M	20	MILOSLAVSKIY V K	101	MUSIOL G	82
MARCHEVSKIY F N	38,66	MILOVSKIY N D	64	MUSTAFIN K S	67
MARGOLIN A D	23	MILYUTIN YE R	61	MUSTAYEV I A	47
MARIMONT YU I	49	MINASHIN V P	49	MUTNYKH A YE	50
MARINCHEV V N	47	MINAYEV I V	54	MUZENITOVA M M	103
MARKIN A S	72	MINAYEV N G	66	MYAKININ V A	60
MARKOVA S V	18	MINAYEVA K A	81		
MARKUSHEV V M	3	MINAZHAYEVA G S	69	NABOKO I M	42
MARTIROSYAN S G	76	MINOGIN V G	94	NABOYKIN YU V	31,94
MARTOVITSKIY V P	99	MIRGORODSKIY V I	40	NAD' Y	73
MARTYNOV V V	28	MIRIDONOV S V	65	NADENENKO A V	37
MARTYNOVA YE N	34,84	MIRLIN D N	85	NADEZHDINSKIY A I	93
MARTYNOVICH YE F	2	MIRONOS A V	67	NAGLI L YE	86,94
MAR'YAN M I	56	MIRONOV S P	41	NAGY J	73
MAR'YENKOV A A	56	MIRONOV V L	60,111	NAKWASKI W	111
MARYUKOV M A	54	MIRONOV V YE	100	NANU L	98
MASHCHENKO V YE	87	MIRONYCHEV A P	48	NAPARTOVICH A P	20,74
MASHEVSKIY A G	97	MIROSHNIKOV M M	44	NASTOYASHCHIY A F	74
MASHKOVTSSEV B M	54	MIROV S V	2	NASYROV A	86
MASLENNIKOV V N	50	MIRSAGATOV M A	48	NAUMOV A P	77
MASLOVA N S	34	MIRZA S YU	8,19	NAUMOV K P	53
MATEESCU A	54	MIRZAYEV A T	65	NAUMOVA I I	84
MATVEYEV B A	5	MISHAKOV G V	68	NAYANOV V I	50
MATVEYEV I	45	MISHAKOV V G	11	NAZAROV V N	67
MATVEYEV L A	28	MISHCHENKO A V	23	NAZYROV D E	105
MATVEYEVA A V	25	MISHIN V A	69	NEDBAYEV N YA	3
MATYUKH V G	56	MISHKINIS R A	41	NEPEDOV A P	79
MATYUSHENKO V I	23	MITIN G G	36	NEGIN A YE	61,71
MAYMISTOV A I	43,54	MITIN V YA	104	NEGOITA N	5
MAYOROV V D	94	MITROFANOV I G	34	NEKIPELOVA G D	66
MAYYER A A	52	MITROFANOV V B	109	NEKRASOV V V	94

NEMCHINOV YE A	49	ORLOVICH V A	2,21	PEREFATOV V N	18
NEMKOVICH N A	91	ORLYUKAS A S	96	PEREL'MAN N F	31
NEOFITNYI M V	73	OSIKO V V	40,52	PERESYPKIN A I	77
NEPARENT I B	91	OSIPOV V P	61	PEREVERZEV O M	65
NERSESOV E A	44	OSOVITSKIY A N	26	PERGAMENT A KH	108,109
NESTRIZHENKO YU A	9,22,45	OSTEN W	79	PERGAMENT M I	107
NETESOV V V	62	OSTRANITSA A P	102	PERGAMENT V I	79
NETREVA P I	60	OSTROUMOV V G	1	PERMINOVA V N	99
NEUSTROYEV V B	51,52	OSTROVSKIY A V	87	PERNER B	3
NEVMERZHITSKIY V I	22	OSVETIMSKIY A A	78,80	PERSHIN S M	88
NEVOLIN V K	78	OVCHARENKO A P	27	PERSONOV R I	87
NEYKOV YU G	54	OVCHINNIKOV I V	46	PEST V E	108
NGUYEN DIN' LOK	16	OVOD V I	55	PETRAKIEV A	25
NIFONTOVA YE G	64	OZERKOVA N F	55	PETRASH G G	17,18,41
NIIFTIYEV G M	83			PETRASHEN' A G	86
NIIBIZI A	59	PADUSOVA YE V	40	PETRASHKU K G	112
NIKANOROVA YE A	41	PAK G T	4,44	PETRENKO R A	3,24
NIKIFOROV V G	6,7	PAK S K	1	PETRIK S	81
NIKITENKO A I	78	PAK V G	50	PETROSYAN L S	31
NIKITIN L P	85	PAKHAPILL' YU	94	PETROV A P	75
NIKITIN S YU	94	PAKHOMOV A V	61	PETROV D P	108
NIKITIN V V	44,71	PAKTER M K	8,9	PETROV G I	105
NIKOGOSYAN D N	38	PAL'CHIKOVA I G	75	PETROV G S	72
NIKOLAYEV L V	55	PALEY S L	67	PETROV M P	30
NIKOLAYEV S D	68	PALME D	49	PETROV M V	42
NIKOLAYEV S V	7,8	PAL'MENEV A G	14	PETROV N I	59
NIKOLAYEV V A	75	PANAYOTOV K P	30,31	PETROV N N	45
NIKOLAYEV V G	50	PANCHENKO M A	51	PETROV O F	79
NIKOLAYEV V M	76	PANCHISHIN I M	91	PETROV V F	14
NIKOL'SKIY M YU	40	PAN'KO V V	96	PETROV V I	88
NIKOL'SKIY YU N	72	PANKOV V G	44	PETROV V M	30
NIKONOVICH M V	30	PANOV V G	26	PETROV V V	65
NIKUL'CHIN A V	71	PANTELEYEV V V	94	PETROVA YE B	47
NIYAZOV B A	38	PANYUTA I N	55	PETROVSKIY B V	47
NOSENKO A YE	42	PAPANYAN V O	12	PETROVSKIY G T	44,84
NOVAK M	15	PAPAZYAN T A	31	PETROVSKIY V N	10
NOVGORODOV M Z	15	PARAMONOV A A	66	PETRUKHIN YE A	92
NOVIK G M	25	PARAMONOV YU M	8,9	PETRUN'KIN V YU	53,76
NOVIK O M	11	PARINSKIY A YA	66	PETRUSHEVICH YU V	16
NOVIKOV A D	35	PARKHOMENKO YU N	26	PETRYKIN YU S	107
NOVIKOV M G	84	PARNAS A L	104	PETUKH M L	94
NOVIKOV V D	44	PARYGIN V N	41	PETUKHOV A V	73
NOVIKOV V P	21	PASECHNIK YU A	32	PETUKHOV V O	15
NOVITSKIY L A	111	PASHNEV V YA	47	PEVZNER YA B	14
NOVOBRANTSEV I V	22	PASMANIK G A	39	PEYEVA R A	30,31
NOVOSELOV A G	20	PASYNKOV V V	111	PIGUL'SKIY S V	69
NOVOZHILOV S YU	46	PASYUK A S	108	PIKULEV S V	61
NOVICKI R	72	PASZTI F	100	PILIPENKO S I	50
NOZDRIN YU N	4	PATELA E	80	PILIPETSKIY N F	99
NERMUKHMETOV R N	94	PATLAKH A L	79	PILIPOVICH I V	36
NERVAGDYEV O	87	PAUL' E E	29	PINKEVICH I P	19
		PAVLENKO V K	37	PINSKIY YU A	1
ORLOVSKIY V V	35,37,85	PAVLIK B D	64	PIPKA V M	72
ORSHIN V N	15	PAVLOV A M	99	PISANSKIY A I	37
ORINTSOV A I	14	PAVLOV S A	4	PISAREV R V	86
ORLOV S G	35,36,64,85	PAVLOV S K	85	PISKARSKAS A	5,43
ORTNER H J	82	PAVLOV S V	88	PISKARSKAS A S	91
OSANESYAN K B	44	PAVLOV V A	93	PIS'MENNYI V D	74,102,104
OSANESYAN YU TS	108	PAVLOV YU D	108	PITEL' B L	83
OSHOZHNIKOV O G	4,50	PAVLOVA N I	37	PITTROFF W	4
OSHPIMENKO B A	24	PAVLOVICH YU V	99	PIVOVARCHIK V F	15
OSOPKOV V V	72	PAVLOVSKIY A I	2,23	PLATONENKO V T	34,84
OLEYNIK O I	85	PAWLUCZYK R	80	PLATONOV V V	2
OMIROV R YU	46	PAZDZERSKIY V A	45	PLATONOV YU YA	28,89
OPKAN A G	23	PCHELINTSEV A I	103,104	PLESHANOV S A	95
ORDABEKOV S O	47	PECHEN' YE V	99	PLOPPA M G	85,106
OPLOV L N	16	PEET V E	17,22,41	PLYAVENEK A G	80
OPLOV S A	68	PEKA G P	111	PLYSHEVSKAYA T M	14
ORLOV V A	82	PENCHEV S	93	POCHAPSKIY YE P	71
ORLOV V K	22	PENCHEVA V KH	49	PODAVALOVA O P	35
ORLOVA N D	96	PENKIN N P	75	PODENAS D	5
ORLOVA O A	89	PERCAK H	72	PODLOZHENOV YU A	80



PODMOSHENSKIY I V	14	RABKIN I KH	47	RUL'KOV N F	64
PODSOSONNYI A S	92	RABKIN L M	90	RURUKIN A N	10
POD"YACHEV S P	83	RACHKOV I A	80	RUSANOV S YA	99
POEHLER M	30	RADIONOV A R	93	RUSOV N YU	64
POGANY L	100	RADOJEWSKI J M	80	RUSSU S S	112
POGOREL'SKIY YU V	106	RAKOVICS V	43	RUTKOVSKIY K S	95
POHERS A	82	RAKUSHIN YU A	80	RUTKOVSKIY P F	41
POHLERS H	55	RAMENDIK G I	109	RUTSHEYN L M	80
POKASOV V V	60	RASHEV S	95	RYABOV V A	58
POKROVSKIY YU A	26	RAYKHMAN B A	109	RYABOV YE A	70
POLESHCHUK A G	75	RAYTSIN A M	71,73	RYABTSEV G I	5
POLETIMOVA A V	42	RAZHEV A M	22	RYABUKHO V P	67
POLISHCHUK I YA	10	RAZMADZE D M	107	RYAKHIN A D	63
POLIVENKO YE A	34	RAZUMIKHINA T B	61	RYAZANOV M I	62
POL'KIN YE V	96	RAZUMOVA N V	87	RYAZANOV N S	88
POLNAREV A G	40	REBANE A K	67	RYAZANSKAYA L A	17
POLOMSKA M	96	REBANE I	95	RYBACHENKO V I	66
POL'TSE Z	107	REBANE K K	67	RYBAKOV M M	78
POLUSHKIN I N	87	REBANE T K	86	RYBAL'CHENKO O G	103
POLUSHKIN N I	28	REBANE V N	86	RYCHEV M V	33
POLUYANOV G I	80	RECHENBERG I	4	RYKALIN V I	77
POLYAKOV B I	87	RED'KO V P	56	RYSKIN V G	62
POLYANINOV A V	106	REINECKE W	27	RYZHIKOV B D	42,86
POLZE S	107	REINHARD W	100	RYZHOV V V	101
PONOMARENKO A G	14,99	REKSNIS R	100	RZHANOV A G	4
PONOMAREV I V	17,18,41	REMIZOV S A	74	SAARI P M	67
PONOMAREV O A	45	REMIZOVICH V S	59,62	SABOTINOV N V	17
PONOMAREV YE P	100	RENGE I	88	SABUROV V A	10
POPESCU I M	40	REPIN P B	23	SADIKOV S N	52
POPESCU V	54	REPIN V N	55	SADILEK J	28
POPESCU-POGRION M	98	RESHETOV V A	35	SADKOVA O V	107
POPOV A K	37	REUTER TH	79	SADOVSKIY P I	86
POPOV I A	80	REYTEROV V M	30	SADYKOV I I	41
POPOV V V	106	RICHTER E	76	SAFAREVICH S S	102
POPOV YU V	74	RIMEYKA R	40	SAFONOV A N	104
POPOVA E S	25	ROBUR L I	36,75	SAFONOV O S	72
PORETSKIY S A	89	RODE A V	107	SAFRONENKO K F	40
PORODINKOV O YE	23	RODICHENKO G V	5	SAGITOV S I	28,90,107
POROSHIN V N	84	RODIN A M	89,90	SAKALAUSKAS S V	101
PORTNOY YE L	4	RODIN V V	99	SAKHAROV V N	24
POZTAPOV V K	97	RODIONOV D A	36	SAKYAN A S	80
POZDNYAKOVA L A	93	RODIONOV G D	95	SALAKHOV M KH	110
POZHAR V V	9,22,45	ROGACHEV A A	4	SALASHCHENKO N N	28,89
PREDKO K G	79	ROGOV S A	65	SALAYEV E YU	89
PRESLENEV L N	41	ROGOVSKAYA A I	107	SAL'KOV YE A	98
PRISHIVALKO A P	59	ROGOZKIN D B	62	SALTIEL S	43
PRIVALOV V YE	11,15	ROHLICEK F	28	SAMARSKIY A A	112
PRIYEZZHEV A V	60	ROMANIUK R	55	SAMARTSEV V V	31,65,94
PRIVUTOV M V	89,95	ROMANOV A G	6	SAMEL'SON G M	61
PROKHONCHUKOV A A	112	ROMANOV M F	100	SAMOKHIN A N	97
PROKHORENKO V I	8,30,43	ROMANOVSKIY O A	62	SAMOKHVALOV A V	37
PROKHORENKO V P	26,56	ROMASHIN N L	44	SAMOKHVALOV I V	61
PROKHOROV A M	1,2,12,20,38 40,44,49,52,68 69,85,103,106	ROMASHKOV A P	71	SAMSONOVA L G	9
PROKOF'YEV V A	51	ROOT V G	105	SAMTSOV P P	70
PRORVICH V A	107	ROSENFELD A	24	SAMYKINA T D	47
PROSSER V	91	ROSTOMASHVILI Z I	108	SANNIKOV YU A	37
PROTASOV YU S	22,23	ROSTOVTSEV YU V	87	SAPEGA V F	85
PROTSENKO YE D	10,15,71	ROZANOV V B	108	SAPRYKIN E G	95
PROVOROV A M	2	ROZANTSEV V A	94	SARBU C	98
PRUS V A	106	ROZENSHTEYN V B	74	SARKISOV O M	69
PRYASHNIKOV I P	10	ROZHDESTVENSKAYA T V	95	SARTORI A V	107
PRZHONSKAYA O V	6,8	ROZHDESTVENSKAYA V I	61	SARYCHEV G A	104
PUGOVKIN A V	40	ROZHDESTVENSKIY V V	79	SASKEVICH N A	2
PUL'KIN S A	97	ROZHDESTVENSKIY YU V	94	SAUTENKOV V A	44
PURETSKIY A A	68	ROZHKOVA D	107	SAVANIN S YU	99
PUTILIN V M	74	ROZHKOVA B K	110	SAVCHENKO V N	38,66
PATIVSKIY YU YA	60	RUBIN G K	99,103	SAVEL'YEV B A	58
PUZYREVSKAYA G YE	11	RUBINOV A N	91	SAVIN V A	53
PYATAKHIN M V	64	RUBTSOV S V	54	SAVKIN N P	9
PYATYKHIN L I	80	RUDENKO V N	40	SAVUROV V A	98
PYKHOV R L	19	RUDENKO YE N	31	SAYECHNIKOV V A	84
		RUDNITSKAYA A A	94	SAZHINA N N	13
		RUDOY I G	98		

SAZONOV V N	70	SHED'KO I P	74	SHULENIN A V	71
SAZONOVA Z S	52	SHELEKHOV A P	60,62	SHUL'GA A M	94
SCHAFFER D	100	SHELKOVNIKOV A S	71	SHUL'MAN A YA	78
SCHINDLER K	30	SHELUKHIN G G	20	SHUMAY I L	37,105
SCHIOPU C	55	SHEMYAKINA S B	101	SHUMOVSKIY A S	32
SCHIOPU P	55	SHENGELIA M D	81	SHUNYAKOV V T	59
SCHMIEDEL W	52	SHENYAVSKAYA YE A	90	SHURGAYA R R	73
SCHUETTE F J	33	SHEPELENKO A A	14,99	SHURUKHIN B P	50
SCHULZ V	39	SHERBAKOV I A	40	SHUTOV V A	78
SCHULZE W	82	SHERENKOVSKAYA G P	101	SHUVALOV L A	90
SCHWIDER J	81	SHERIMBETOV T	105	SHUVALOV V V	95
SCHWOTZER G	79,81	SHERLEI ZH	73	SHVETS YU I	101
SEBRANT A YU	102	SHERMAN A V	108	SHVYADAS V I	33
SEFEROV A S	106	SHERMAN V YE	108	SIDORCHUK S I	89
SEIFERT O	51	SHERMATOV B N	86	SIDORENKO YE A	42
SELIVANOV YU G	4	SHERMERGOR T D	78	SIDORIN A V	103
SELYUTIN O N	80	SHERNYAKOV YU M	4	SIDOROV A I	83
SEM M F	12,18	SHERSTOBITOV V YE	14	SIDOROV I N	14
SEMCHENKO I V	86	SHESTAKOV B A	100	SIDOROV V A	25
SEMNETS T I	34,64	SHEVCHENKO S G	92	SIDOROVICH A V	- 101
SEMNENOV A D	47	SHEVNNIN A M	12	SIGETI Y	73
SEMNENOV A S	66	SHEVTSOV V M	48	SILAYEVA N B	31
SEMNENOV G B	68	SHEYBUT YU YE	31	SILENKO V V	42
SEMNENOV M V	104	SHIBANOV A N	68	SILKIN N I	1,30
SEMNENOV S N	81	SHIBAYEV V V	104	SIMANOVSKIY D M	89
SEMINOGOV V N	35	SHIBKOV V M	13	SIMEONOV S D	92
SEMIOSHKO V N	89	SHIFRIN YE I	85	SIMONOV A P	15,87
SEMKO I A	82	SHIGORIN D N	94	SIMONOV G V	42
SENATOROV YU M	99	SHIL'DYAYEV V S	9	SINITSYN D V	13
SENATOROVA N R	42,86	SHINDER I I	57	SINITSYN G V	2
SENOKOSOV E A	86	SHINKAREV V A	103	SINITSYN M A	97
SERDYUCHENKO YU N	2	SHIPILIN A V	14	SINKEVICH V I	56
SERDYUK V V	97	SHIPILOV K F	40	SINYAVSKIY E P	89
SERENI T	69	SHIPKO A A	104	SIP M	91
SERGATYUK V A	82	SHIPOV P M	30	SIROKLIN A A	40
SERGEYEV P A	66	SHIRKOV A V	99	SIROTKIN A A	12,17
SERGEYEV P B	22	SHIRMULIS E I	106	SIROYTS' YA G	79
SERGEYEV S A	86	SHIROKANOV A D	94	SIRUTKAYTIS V	43
SERGIYENKO G V	76	SHIRSHOV M B	35	SISAKYAN I N	57,59,106
SERGIYENKO T I	65	SHISHKINA L I	73	SISAKYAN YE V	71
SEVECK B B	26,38	SHKABARDNYA A M	55	SITARSKIY K YU	52
SEYDGAZOV R D	99	SHKADAREVICH A P	1,2,30,105	SIVCHIK V V	93
SHABANOV V P	87	SHKLOVSKIY YE I	1	SIVOVOLOV V A	6
SHAFEEV G A	69	SHKLYAREVSKIY I N	27	SIZOV V D	23
SHAFIHOVSKIY M I	104	SHKUNOV V V	99	SIZYKH D V	84
SHALAGIN A M	83,84	SHLAYN A I	49	SKACHKOV A N	70
SHALAYEV V M	35	SHLENOV S A	60	SKAKUN V S	16
SHALAYEVSKIY N O	30	SHLYAGIN M G	30	SKLIPOSOVSKIY A M	65
SHALYGIN V A	27	SHLYAPOCHNIKOV V A	90	SKLIZKOV G V	107
SHAMKOV N A	41	SHLYUKO V YA	55	SKLYARENKO S K	29
SHAJANIN P A	10	SHMAGIN YU I	101	SKLYAROV YU M	43,54
SHAPKOV V P	20	SHMAREV YE K	56	SKOBELKIN O K	46
SHASHKOV A YE	77	SHMAYENKO L A	89	SKODA V	29
SHASTIN V N	4	SHMELEV V M	23	SKORYUPIN V A	77
SHATALIN S V	78	SHMEPLING G V	70	SKOSYREV YU V	73
SHATIN M YU	55	SHNEIDER A G	2	SKOVOROD'KO S N	10
SHAYDUK A M	61	SHORYGIN P P	89	SKREBKOV O V	11
SHAYKEVICH I A	36,75	SHOTOV A P	4	SKRIPCHENKO A I	104
SHAYKHITDINOV R Z	13	SHPAK A M	34,67	SKRIPKO G A	105
SHAYMEKULOV M O	31	SHPIL'RAYN E E	10	SKRZECZANOWSKI W	75
SHCHANIN P M	16	SHRAMKO YU P	64	SKRZHECHANOVSKIY V	75
SHCHAVELIN V M	104	SHRIBAK M I	55,56	SKVORTSOV M G	74
SHCHEBRIN A I	13	SHTENTSEL' O	33	SKVORTSOV V A	61
SHCHEGLOV D A	77	SHTENTSEL' T V	100	SKVORTSOVA G V	15
SHCHEKOCHIKHIN YU M	92	SHTERENBERG A M	97	SLABKO V V	86
SHCHELEV M YA	2	SHTERNIN L A	98	SLEPTSOV V V	28
SHCHEPAKIN K M	56	SHTOKMAN M I	35,46	SLIVKA L K	15
SHCHERBAK A F	108	SHTURBIN A V	27	SLIVKA V YU	96
SHCHERBAKOV A I	1,87	SHUBIN S G	60	SLOBODYAN S M	64
SHCHERBAKOV I A	1,52	SHUGAY K K	103	SLOBODYANYUK A V	95
SHCHERBAKOV YE A	49	SHUKELOVICH G P	102	SLOMINSKIY YU L	30
SHCHERRAKOV YU A	16	SHUKIROV ZH	95	SLUCH M I	83

SLUTSKIY M I	84	STARUKHIN A S	94	SYCHUGOV V A	48,49
SLYUSARENKO S S	36	STASEL'KO D I	25,63,67	SYRUS V	38
SMAKOVSKIY YU B	20	STATSENKO A A	3	SYSOYEV V K	99
SMALIKHO I N	60	STAUPENDAHL G	30	SZIGETHY J	73
SMEKHOV G D	20	STAVROV A A	2		
SMIL'GYAVICHYUS V	43	STEFANOVICH V A	96	TABARIN V A	76
SMIRNOV A P	65	STEFANOVSKIY A M	108	TADZHI-AGLAYEV KH G	1
SMIRNOV S M	86	STEL'MAKH G F	93	TAGIYEV Z A	37
SMIRNOV V A	1	STEL'MAKH O M	69	TAKTAKISHVILI M I	107
SMIRNOV V I	78	STELYA L P	56	TALALAKIN G N	5
SMIRNOV V L	67	STEPANOV A I	44	TALALAYEV N N	80
SMIRNOV V N	104,109	STEPANOV V V	106	TALIS M YE	17
SMIRNOV V P	81	STEPANOV V YE	9	TALYBOV V M	6
SMIRNOV YE A	11	STEPANOV YE V	93	TAMAZYAN S A	3
SMITRIYEVA YE I	33	STEPANOV YU D	10	TAMME E E	108
SMOLENTSEV I V	30	STEPANOV YU I	99	TAMMEORG P F	22
SMORGONSKAYA E A	85	STEPANOVICH V A	67	TAMULAYTIS G	88
SMUTNY F	96	STEPIN A P	29	TANDIA MUSSA	77
SNITKO O V	32,96	STEPINA S A	20	TAR J	73
SOBIROV M M	33	STERIAN P E	40	TAR Y	73
SOBOLEV N N	15,58	STERLYADKIN V V	61	TARAKANOV S V	109
SOCHA R	75	STOEFF S	4	TARANENKO V B	31
SOCHILIN G B	57	STOKLITSKIY S A	4	TARANOV V V	8
SODNOMYN E	16	STOL'NITS M M	25	TARASENKO V F	12,13,16
SOFONEA V	35	STOLYARCHUK A S	104	TARASOV A V	37
SOGOMONYAN S B	39	STOLYAROV A D	33	TARASOV G G	34,67
SOKOL YU	100	STOLYAROVA G I	70	TATAR L	104
SOKOLOV A P	49	STOYANOV A V	37	TATSENKO O M	2
SOKOLOV A V	50	STOYLOV YU YU	8	TAYTS D A	72
SOKOLOV B N	90	STREKALOVSKIY V N	95	TER-AKOP'YAN G M	89,90
SOKOLOV V A	32	STREL'TSOV A P	16,20	TEREBKOV A L	108
SOKOLOV V N	33,66	STRIGUN V L	25	TERENETSKAYA I P	93
SOKOLOV V O	56	STRIZHEVSKIY V L	38,39	TERLETSKIY A YA	35
SOKOLOVA I V	9,42		66,95	TESKER YE I	104
SOKOLOWSKI T	80	STROKACH A A	29	TIBILOV S S	92
SOLDATOV A N	18	STROKIN M V	48	TIEBEL R	33
SOLNTSEV A M	108	STRUKOV B A	81	TIKHOMIROV A V	104
SOLNTSEV V A	44	STRUKOV I F	68	TIKHOMIROV O YU	31
SOLODOVNIKOV M A	56	STRUMBAN E YE	73	TIKHOMIROV S V	51,55
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SOROKA A M	98	SUBASHIYEV A V	92	TIMOFEYEV V P	37
SOROKIN A A	61,62	SUCHKOV A F	64	TIMOFEYEV V V	70
SOROKIN N G	36	SUELLWOLD D	56	TIMOFEYEV YU P	85
SOROKIN V A	22	SUKACH G A	86,92	TIMOKHIN A A	92
SOROKIN V S	111	SUKHANOV V B	8,19	TIMONIN P V	56
SOROKIN YU M	37,62	SUKHANOVSKIY A N	3	TININ M V	38
SOROKO L M	75,81	SUKHAREV A G	39	TIPENKO YU S	30
SOSKIN M S	31,36	SUKHAREV B V	75	TISCHER K	51
SOSNIN P V	2	SUKHAREVA N A	34,84	TITARCHUK V A	21
SOSNINA G F	70	SUKHODOL'SKIY A T	63	TITOV A A	69
SOSNOVSKIY S A	5	SUKHOTIN S A	30	TKACHENKO B K	82
SOTSKIY B A	60	SULAKSHIN S S	11,20	TKACHENKO T L	11
SOYFER V A	71	SULIMOV V B	56	TKACHUK A M	42
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SPINDLER L V	74	SUMERIN V V	71	TOKAREV S K	50
SPITSYN B V	90	SURDUTOVICH G I	32	TOKAREVA A N	7
SPOLACZYK R	81	SURODIN M P	55	TOKHADZE K G	95
STRECKOVIC M	62	SUSANIN A A	68	TOLISTIK A L	77
STRANISHEVSKIY I V	94	SUSHKO A M	36	TOLOKONNIKOV S M	78
STAN'KO N G	86	SUSOV A M	25	TOLSTIKHIN O I	26
STARCHENKO A N	80	SUVOROV A I	71	TOMBAK M A	67
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TRINCHUK B F	105	VASIL'TSOV V V	15	VUCHKOV N K	17
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TROFIMOV A N	92	VASIL'YEVA N YU	9,42	VURDOV V D	68
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TSIRIKOVICH L S	5	VERETENNIKOV V V	75	WESCH W	106
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TSOGUYEVA S A	96	VETROV S YA	87	WOLEJKO I.	39
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TUL'CHINSKIY M L	103	VINTIZENKO L G	16	YAKOVLEVA O I	73
TUMANOV L V	96	VISHCHAKAS YU	38	YAKUBENYA M P	106
TUPELEKIN V N	30	VITRIKHOVSKIY N I	87	YAKUBOV A N	65
TURAN J	46	VITRYAKHOVSKIY N I	98	YAKUBOVICH S D	67,80
TURCHANOVSKIY I YU	81	VITUKHNOVSKIY A G	83	YANCHARINA A M	11,12
TURISHCHEV YU S	101	VITYUKOV V V	102	YANISHEVSKIY A T	59
TURIYEV A M	68	VIZNYUK S A	63	YANKEVICH YE M	72
TURKOV YU G	93	VLADIMIRTSEV YU V	41	YANKOV P	43
TURSONOV A T	36	VLASOV V L	68	YANKOVSKIY A A	94
TURYANITSA I I	96	VLOKH O G	82	YANOVSKIY V P	106
TETUNARU M	56	VO HONG ANH	32	YANUSHKEVICH V A	106
TUZOV L S	104	VODCHITS A I	2	YAREMKO A M	88
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		VOLKOV A A	2	YASHKIR YU N	95
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UBAYDULLAYEV G	15	VOLOSHINA T V	100	YATSENAVICHYUS S P	101
UBAYDULLAYEV M N	8	VOLOSHINOV V B	41	YATSKIV D YA	43
UBAYDULLAYEV A	100	VOLYAK K I	65	YAVICH B S	97
UBAYDULLAYEV V L	56	VOLYAR A V	38,66	YAVOKHIN A N	99
UBAYDULLAYEV V I	45	VOROB'YEV A P	66	YAZOVSKIKH V M	85
UBAYDULLAYEV V V	48	VOROB'YEV I L	86	YEGOROV G N	1
UBAYDULLAYEV P G	65	VOROB'YEV N S	2	YEGOROV YU A	71
UBAYDULLAYEV T	37	VOROB'YEVA N N	13	YEGOROV YU V	66
UBAYDULLAYEV V B	35	VORONIN V F	5	YELAYEV V F	8,19
UBAYDULLAYEV I M	58	VORONIN YE N	68	YELENSKIY V G	4
		VORONKOV V P	106	YELINSON V M	28,90
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VAKHTER A A	55	VORONYUK L V	19	YELYUKHIN V A	4
VAKINA Z G	11	VOROPAY YE S	84	YELYUTIN S O	43
VAKSMAN YU P	97	VOROPAYEV S G	87	YEMEL'YANOV S A	66
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YERMACHENKO V M	10	ZHIRKO YU I	91
YERMOLAYEV V L	96	ZHITARYUK V G	57
YERMOLENKO N N	105	ZHITKOV P M	82
YESADZE G G	68	ZHITKOVSKIY V D	57
YESAYAN G L	57	ZHITNEV YU N	70
YESKIN K F	27	ZHITNIK V A	75
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YUDIN G YU	65	ZHUKOV N N	39
YUDIN I I	56	ZHURAVEL' V M	99
YUFEREV V S	105	ZHURKIN B G	99
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YURCHENKO N I	17	ZIEBOLD U	51
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YUSUPALIYEV U	74	ZLOTNIKOV D M	77
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ZAFIROVA B S	74	ZOLOTOREVA YU B	46
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ZAKIROV G G	100	ZOTOV S D	19
ZAKROYEVA N M	57	ZOTOV V I	33
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ZAPOROZHCHENKO R G	36	ZSCHORNACH G	82
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