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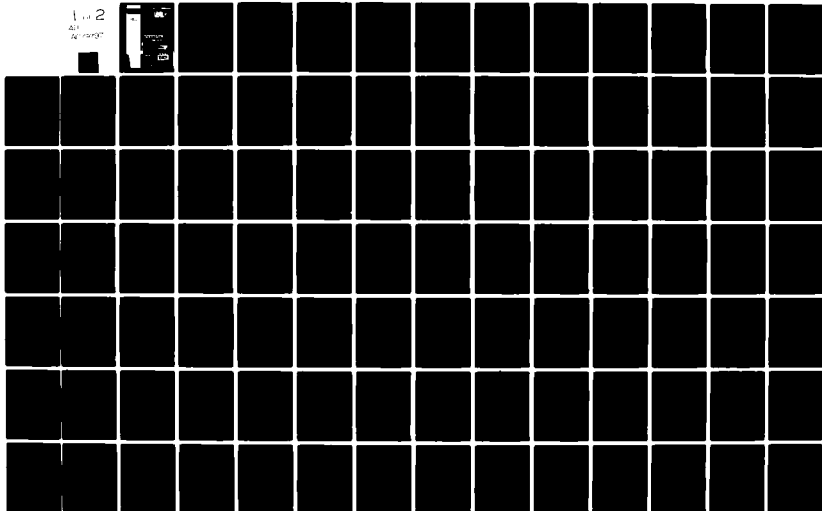
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No. 39

JANUARY - FEBRUARY 1979

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**Vice Director for Production
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20. ABSTRACT This is the Soviet Laser Bibliography for January-February 1979 and is no. 39 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; 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; 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 January-February 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 included, as well as entries from the CIRC data base not otherwise covered. 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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2. Laser-Excited Optical Effects

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IV. SOURCE ABBREVIATIONS

(CIRC Codens)

BAPS	(BAPTA)	Bulletin de l'Academie Polonaise des Sciences. Serie des Sciences Techniques
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. Dopovidi. Seriya A. Fizyko-matematychni ta tekhnichni nauky
Elek	(EKNTB)	Elektronika [Poland]
ETP	(EXPPA)	Experimentelle Technik der Physik
FGiV	(FGVZA)	Fizika gorennya i vzryva
FiKhOM	(FKOMA)	Fizika i khimiya obrabotka materialov
FTT	(FTVTA)	Fizika tverdogo tela
IAN Arm	(IAAFA)	Akademiya nauk Armyanskoy SSR. Izvestiya. Fizika
IAN B	(VABFA)	Akademiya nauk Belorusskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IAN Fiz	(IANFA)	Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya
IAN Lat	(LZFTA)	Akademiya nauk Latvyskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk
IFZh	(INFZA)	Inzhenerno-fizicheskij zhurnal
IT	(IZTEA)	Izmeritel'naya tekhnika
IVUZ Fiz	(IVUFA)	Izvestiya vysshikh uchebnykh zavedeniy. Fizika
IVUZ Radioelektr (IVUZB)		Izvestiya vysshikh uchebnykh zavedeniy. Radioelektronika
IVUZ Radiofiz	(IVYRA)	Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika
KE	(KVEKA)	Kvantovaya elektronika
KL	(KNLTA)	Knizhnaya letopis'
KLDV	(KLDVA)	Knizhnaya letopis'. Dopolnitel'nyy vypusk
KSpF	(KRSFA)	Kratkiye soobshcheniya po fizike

NM	(IVNMA)	Akademiya nauk SSSR. Izvestiya. Neorganicheskiye materialy
OiS	(OPSPA)	Optika i spektroskopiya
OMP	(OPMPA)	Optiko-mekhanicheskaya promyshlennost'
PTE	(PRTEA)	Pribory i tekhnika eksperimenta
RiE	(RAELA)	Radiotekhnika i elektronika
RZhF	(RZFZA)	Referativnyy zhurnal. Fizika
RZhGeofiz	(GZGFA)	Referativnyy zhurnal. Geofizika
RZhMekh	(RZMKA)	Referativnyy zhurnal. Mekhanika
RZhMetrolog	(RZMIB)	Referativnyy zhurnal. Metrologiya i izmeritel'naya tekhnika
RZhRadiot	(RZRAB)	Referativnyy zhurnal. Radiotekhnika
Sb1	Sbornik	Spektroskopiya kristallov. Leningrad, Nauka, 1978.
Sb2		Azerbaydzhanskaya mezhvuznaya konferentsiya po fizike. 4th. 1978. Tezisy dokladov. Baku, 1978.
Sb3		Kvantovaya elektronika, no. 15, Kiev, 1978.
Sb4		Inzhenernyye voprosy magnitnoy gidrodinamiki. Kiev, 1978.
Sb5		Gazdinamicheskiye lazery i lazernaya fotokhimiya. Lektsii, pročitannyye v Shkole molodykh uchenykh MGU, Azau, April 1976. Moskva, 1978.
Sb6		Khimiya plazmy, no. 5, 1978.
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Sb8		Problemy sovremenoy radiotekhniki i elektroniki, v. 2, 1978.
Sb9		Ekspperimental'naya radiooptika. Moskva, Nauka, 1979.
Sb10		Godishnik na Sofiiskiya universitet. Fizicheski fakultet, no. 66, 1974-1975 (1978).
Sb11		Vsesoyuznaya konferentsiya Problemy izucheniya upravlyayemykh parametrami lazernogo izlucheniya. 1st. Tashkent, 1978. Tezisy dokladov, part 2. Tashkent, 1978.

- Sb12 Vsesoyuznyy simpozium po millimetrovskim i submillimetrovskim volnam. 2nd. Khar'kov, 1978. Tezisy dokladov, v. 2, Khar'kov, 1978.
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- Sb15 Vsesoyuznaya konferentsiya po rasprostraneniyu radiovoln. 12th. Tomsk, 1978. Part 2. Tezisy dokladov. Moskva, 1978.
- Sb16 Voprosy teoreticheskoy i eksperimental'noy fiziki. Alma-Ata, 1978.
- Sb17 Priborostroyeniye, no. 25, Kiyev, 1978.
- Sb18 Kongress UNIA TEK [Union Internationale des Associations Techniques Cinematographiques]. 12th. Moskva, 1976. Trudy. Moskva, no date of publication.
- Sb19 Metrologicheskoye obespecheniye fazovykh i polyarizatsionnykh izmereniy v kogerentnoy optike. Moskva, 1978.
- Sb20 Lazernaya diagnostika plazmy. Materialy mezhdunarodnogo shkoly-seminara. Minsk, 1978.
- Sb21 Acta Universitatis palackianae olomucensis. Facultas rerum naturalium. Physica, (Olomouc), v. 53, 1977.
- Sb22 Spektroskopiya molekul i kristallov. Kiyev, 1978.
- Sb23 Eksperimental'nyye issledovaniya inzhenernykh sooruzheniy. Moskva, 1978.
- Sb24 Nauchnaya konferentsiya Moskovskogo fiziko-tehnicheskogo instituta. 22nd. 1976. Seriya Aerofizika i prikladnoy matematiki. Trudy. Dolgoprudnyy, 1977.
- Sb25 Diagnostika nizkoterperaturnoy plazmy. Moskva, 1979.
- Tr1 Trudy VNII monokristallov, ststintilliyatsionnykh materialov i osobo chistyykh khimicheskikh veshchestv. Sbornik nauchnykh trudov, no. 1, 1978.
- Tr2 Fizicheskii institut AN SSSR. Trudy, no. 107, 1978.
- Tr3 VNII gosudarstvennoy patentnoy ekspertizy. Trudy, no. 9, section 3, 1978.
- Tr4 Trudy uchebnykh institutov svyazi. Avtomaticheskaya kommutatsiya i telefoniya. Leningrad, 1978.
- Tr5 Tsentral'naya vysotnaya gidrometeorologicheskaya observatoriya. Trudy, no. 11, 1978.

Tr6		Moskovskiy aviatsionnyy institut. Tematicheskiy sbornik nauchnykh trudov, no. 431, 1978.
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

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BUKROYEV YU N	47			DVORYANKINA G G	4	FOMIN N A	16
BULGAKOV A A	38	DABAGYAN A A	80	DYACHENKO A A	42	FOMINA ZH N	40
BUNKIN F F	84	DANELYAN A G	64	D'YACHKOV A P	1	FORTOV V YE	98
BUNKIN F V	84	DANILOV S V	67	DYADYUSHA G G	36	FRANTSESSON A V	25, 43
BURAKOV V S	90	DANILOV V V	36	DYATLOV M K	15, 17	FRAYMAN G M	91
BURAKOV A P	70	DANILYCHEV V A	13, 17, 90	DYMACZEWSKI H	22	FREZINSKIY B YA	25
BUTUSOV M M	71	DAN'SHCHIKOV YE V	36	DYUPI R D	4	FROLOV	36
BUTUZOV S YU	70	DAPKUS P D	88	DZHIHLADZE M I	42	FROLOV V M	9
BYCHKOV YU I	21	DARMANYAN A P	4	DZHOGLEV D	71	FROLOV V V	73
BYKOV A M	42	DATSEKIVICH N P	61	DZHOTYAN G P	30	FUKS N A	46
BYKOV P A	10	DAVIDYUK N YU	46	DZHUGELI B P	40	FUSSGAENGER K	42
BYKOVA T T	87	DAVIDOV S V	21	DZHUMABAYEV B A	51	FUZESI Z	71
BYKOVSKIY YU A	4, 86, 90, 91	DAVYDOV S V	7	DZHURINSKIY B F	36		
BYSEMSKI M	26	DEBUSHENKO K B	4, 43	DZYUBENKO M I	7		
		DEKANOZISHVILI G G	51			G	
		DELONE N B	62				
		DEMENT'YEV A S	86				
		DENISYUK YU N	53				
		DENUS S	70, 90	FABIAN H	30	GALANDV YE K	78
		DERGACHEV F A	55	FAM VAN MAN'	88	GALICH N YE	47
		DERZHAVIN S I	10	FARCAS I	11	GALUS J	53
		DIANOV YE M	41, 42	FARKAS E	36	GALUS M	70
		DIETEL M	84, 89	FARNY J	90	GALUSHKIN M G	25
		DIMITROV G	84, 88	FATEYEV A A	95	GALUTIN V Z	20
		DINEV S	84, 88	FAVORSKIY A P	33	GALUZO S YU	89
			29	FAYENOV A YA	90	GAMALEYA N F	40
						GAMALIY V F	81
CHABURKIN N V	17						
CHAGULOV V S	42						
CHAMOROVSKIY YU K	43						
CHAN TUAN AN'	88						
CHAPLIYEV N I	84, 89						
CHAPOROV D P	88						
CHEROTAR' V N	82						
CHEROTAREV N F	19						

KISHKO V I	41	KOKOLEV F A	34	KRYVASHEV U A	7	LAU A	30
KIYAK S G	37	KOROLEV N V	73	KTALKHERMAN M G	16	LAVROV A V	2,18
KLIMIN A I	47	KOKOLEV YU D	21	KTITOROV S A	35	LAZAREV V V	61
KLININ A N	54	KOROTCHENKO A I	85	KUCHIKYAN L M	42	LAZARUK A M	54
KLIMOVSKIY I I	15,22	KORSHEVER I I	52	KUCHINSKIY V V	74	LAZNEVA E F	87
KLITZSCH E	24	KORSKOV V V	54	KUCZYNSKI W	22	LAZORENKO-MANEVICH R M	83
KLUBIS YA D	37	KORSUNSKAYA N YE	60	KUDRYASHOV V P	12	LEBEDEV F V	9,88
KLYUCHNIKOV A S	55,69	KOSICHKIN YU V	80	KUDRYAVTSEV N N	16	LEBEDEV N S	50
KNYAZEV I N	61,62	KOSMA B	11,12	KUDRYAVTSEVA A D	31	LEHMANN J	74
KNYAZEV R S	24	KOSOBURD T P	69	KUHNE G	74	LELYAKOV A V	83
KOBLYANSKIY YU V	56	KOSOBOROV S N	86	KUKHARCHIK P D	69	LENZ K	30
KOBZEV V V	44	KOSTIN A K	83	KUKHTEVICH V I	63,65	LEONAS V B	74
KOCHELAP V A	38	KOSTYLEV G D	55	KUKIBNYI YU A	38	LEONOV YE I	81
KOCHUBEY S M	40	KOTOV A A	61	KUKLEV V P	5	LESHCHEV A A	56
KOENIG R	73	KOTOV A V	31	KULAGIN YU A	16	LETOKHOV V S	61,63
KOGAN SH M	25	KOTOVA S P	50	KULAKOV A V	93	LEVASHKEVICH L V	1
KOLBAS R M	4	KOVALENKO A V	84	KULIBANOV YU N	69	LEVCHENKO A S	66
KOLEROV A N	92	KOVALENKO V A	4	KULIKOV S M	31	LEVIN G G	56
KOLESNIKOV-SVINAREV V I	85	KOVALENKO V F	4	KULIKOV S V	16	LEVIN V A	16
KOLODZIEJAK W	44	KOVALEV A A	24,55	KULIKOV YU N	17	LEVINSO G P	68
KOLOMIYETS V G	6	KOVARSKIY V A	81,82	KUNAKOV S K	13	LEYDIG V D	4
KOLOSOV V V	47	KOVRIGIN A I	30	KUKSHTIS E P	81	LEYPUNSKIY O I	85
KOLOTYRKIN YA M	83	KOWALSKI A	73	KURBATOV L N	74	LI L	36
KONAR B G	73	KOWALSKI S	70	KURILO N I	55	LI S K	69
KONAROV O V	13	KOZIKOWSKA A	74	KUROCHKIN A P	94	LIFSHTIS T M	25
KONISSAROVA I I	92	KOZLOV A P	40	KUSTOV YE F	36	LINDULIS A I	59
KONISSARUK I I	55	KOZLOV G I	92	KUSYAKOV B A	11	LINNIK L F	83
KONISSARUK V A	73	KOZLOV M S	7	KUTEPOVA V P	83	LINNIK L G	83
KOMPANETS I N	50,59,69	KOZLOV N A	6	KUTEVA Z N	44	LISITSA M P	3,81
KONDRASHOV N G	90	KOZLOV V S	72	KUTIKOV A A	92	LISOVETS YU P	49,50
KONONOV I G	10	KOZLOVSKIY V I	5	KUTIKOVA N P	55	LITVAK A G	91
KONONOV N N	46	KOZMA L	36	KUTOVOY V D	92	LOBANOV B D	81
KONOV V I	84,89	KOZYREV D A	20	KUVSHINSKIY N G	55	LOBANOV O V	72
KONOVALOV I N	17	KOZYREV YU P	90,91	KUZIKOVSKIY A V	47	LOBKO V V	62
KONOKO A I	23	KRASNOV A YE	55	KUZIN V A	56,65	LOGACHEV V A	95
KONVISAR P G	1	KRAVCHENKO V B	5	KUZ'MENKO A V	56	LOGINOV A P	53
KONYAYEV V P	3,4,43	KRAVCHENKO V I	74	KUZ'MIN G P	13,46	LOGVINOV V I	9
KOPILEVICH YU I	73	KRAVTSOV N V	20,31,42	KUZNETSOV G P	85	LOMAKIN V N	17
KOPTEV V G	54	KREKOV G M	46	KUZNETSOV V I	30	LOMONOSOV V V	79
KOPYLOV YU L	5,64	KREMENCHUKSKIY L S	25	KUZNETSOV V V	52	LOPAREV A N	86
KORABLEV YE M	26	KRIKOROV V S	36	KUZYAKOV B A	65	LOPINA S V	2
KORNER S B	31	KRIVORUCHKO A I	71	KWIECINSKI A	22	LOSHCHENOV V B	36
KORNEYCHUK V A	3	KROCHIK G M	29,37	L		LOSOVSKAYA Z I	40
KORNEYEVA T V	73	KRSEK J	24,76			LOZYUK V S	43
KORNILOV S T	11	KRUGLOV V A	22			LUENKEMANN B	15
KORNIYENKO L S	20,42	KRUGLOV V I	17			LUGOVSKOY V B	84
KORNIYENKO N YE	29	KRUGLYI A YE	17			LUKIN A V	74
KORNIYENKO V A	1	KRYLOV B V	22			LUKIN I P	47
KOROBKIN V V	38	KRYLOV V N	29			LUKIN V P	47,48
KOROLENKO P V	20	KRYNETSKIY B B	6,38,62,79			LUK'YANCHUK B S	84

OSKOPKO	145	PETNIKOV A YE	59	POPESCU N G	45	RADCHENKO V V	86
OSTAPCHENKO YE P	12,21	PETROV A I	84,88	POPLAVSKIY A N	44	RADKEVICH V	59
OSTAPCHENKO YE P	15,66	PETROV A I	43	POPOV L N	24	RADLOFF W	63
OSTAPCHENKO YE P	66	PETROV A I	63	POPOV N I	85	RAFIKOV R A	74
OSTAPCHENKO YE P	75,92	PETROV A I	18,19	POPOV S A	69	RAGUL'SKIY V V	32
OSTAPCHENKO YE P	26	PETROV G D	92	POPOV YU I	69	RAKHIMOV A T	12
OSTAPCHENKO YE P	28	PETROV G I	16	POPOV YU M	3,5,36,50	RAKHIMOV R F	46
OSTAPCHENKO YE P	47	PETROV M P	53,57	POPOV YU P	28	RAKHMANOV S K	58
OSTAPCHENKO YE P	16	PETROV N N	13	POPOV YU V	26	RAYLYAN V YA	82
OSTAPCHENKO YE P	68,70	PETROV V I	83	POPOVA N R	57	RAZUMOVA I K	25
OSTAPCHENKO YE P	57	PETROV YU N	62	POPELOV V A	18	RAZUMOVSKAYA A I	76
OSTAPCHENKO YE P	70	PETROVA M A	58	POSUKH V G	12	RAZVIN YU V	24,55
OSTAPCHENKO YE P	71	PETROVSKIY V N	9,28	POTAPOV V K	61	RELIN V F	71
OSTAPCHENKO YE P	72	PETRU F	76	POTAPOV V T	43	REMEL' I G	52
OSTAPCHENKO YE P	9	PETRUKHIN A I	92	POYZNER B N	24	REMESNIK V G	54
OSTAPCHENKO YE P	16	PETRUKHIN V YU	95	POZDNYAK N I	89	RENNER R	24
OSTAPCHENKO YE P	68,70	PETRUSHENKO YU V	5	PRIMAKOV V I	22	RENTSCH S	74
OSTAPCHENKO YE P	57	PEVNITSKIY A V	89	PRISHUTOV A A	27	RESHETIN YE F	71
OSTAPCHENKO YE P	70	PEYSAKHSON I V	58	PRIVALOV V YE	9	RESHILOV A B	32
OSTAPCHENKO YE P	71	PEIFFER M	30	PROKHOROV A M	5,6,13,20,24	REZNICHENKO N I	9
OSTAPCHENKO YE P	72	PIGUL'SKIY S V	10	PROKHOROV M A	26,38,41,62,81,89	RINKEVICHYUS B S	76
OSTAPCHENKO YE P	73	PIKEL'NI V F	60	PROKLOV V V	52	RISTICI M	8
OSTAPCHENKO YE P	74	PIKHELEV A I	95	PROKLOV V V	26	ROKOS I A	76
OSTAPCHENKO YE P	75	PIKULIK L R	7	PROTSENKO YE D	9,11,28	ROKOSOVA L A	76
OSTAPCHENKO YE P	76	PIKUS V A	90	PROZOROV S V	1	ROSLEYAKOVA T V	71
OSTAPCHENKO YE P	77	PILIPOVICH V A	23,24	PRYAKHIN YU A	57	ROZENSHTEYN V B	33
OSTAPCHENKO YE P	78	PINENOV YU D	57	PRZHEVUSKIY A K	36	ROZHANSKIY V A	44
OSTAPCHENKO YE P	79	PIOTROWSKI J	25	PRZHIBEL'SKIY S G	33	RUBANOV A S	54,67
OSTAPCHENKO YE P	80	PISKUNOV A K	70	PRZHONSKAYA O V	6	RUBINOV A N	35
OSTAPCHENKO YE P	81	PISKUNOV A K	18	PSHENICHNIKOV S M	28	RUBINOV YU A	12
OSTAPCHENKO YE P	82	PIS'MENNY V A	1,2	PSHENITSYN V I	50	RUBINSHTEYN G M	42
OSTAPCHENKO YE P	83	PIS'MENNY V D	12	PSHEZHETSKIY S YA	19	RUMYANTSEV A A	93
OSTAPCHENKO YE P	84	PIVOVAROV B L	24	PUSTOVALOV V V	17	RURUKIN A N	9
OSTAPCHENKO YE P	85	PLASTININ V V	95	PUZHAYEV S B	84	RUSKE E	70
OSTAPCHENKO YE P	86	PLYATSKO G V	87	PYATNITSKIY L N	15	RUSTAMOV S R	1
OSTAPCHENKO YE P	87	PODDUYEV M I	12	PYRIN G A	84	RYABOV YE A	63
OSTAPCHENKO YE P	88	PODOBAYEV V A	39	Q		RYABOVA R V	60
OSTAPCHENKO YE P	89	POGODAYEV V A	88	QUTLLFELDT W	76	RYABANOV A V	92
OSTAPCHENKO YE P	90	POGOSYAN P S	1	R		RYAKALIN N N	88
OSTAPCHENKO YE P	91	POKASOV V V	48	RAABE K		RYKOV A A	36
OSTAPCHENKO YE P	92	POKASOV VL V	47	RABINOVICH YE I		RYVKIN B S	83
OSTAPCHENKO YE P	93	POKORA L	70	RABINOVICH E M		RYVKIN S M	52
OSTAPCHENKO YE P	94	POKROVSKIY L A	39	RACHIN V A		RYZHKOVA A I	29
OSTAPCHENKO YE P	95	POLUEKTOV I A	50	RACZ B		S	
OSTAPCHENKO YE P	96	POLYAKOV B I	60	RADAUTSAN S I		SABEL'FEL'D K K	47
OSTAPCHENKO YE P	97	POLYAKOV V I	23	RADCHENKO I V		SADAVSKI M	21
OSTAPCHENKO YE P	98	POLZE S	24				
OSTAPCHENKO YE P	99	PONOMARENKO A G	10,12				
OSTAPCHENKO YE P	100	PONOMAREV YU N	48				
OSTAPCHENKO YE P	101	POPELA B	76				
OSTAPCHENKO YE P	102						
OSTAPCHENKO YE P	103						
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OSTAPCHENKO YE P	200						

SALOMON I A	2	SILAYEV YE A	28	SIDORENKO V S	27	SOLOGUB B K	44
SALOMON I V	30	SHAPIRO I I	59	SIDORENKO YE M	9	SOLOMIN I V	77
SALATEV E YU	30,84	SHAPIRO K KH	5	SIDOROVICH V G	56	SOLOMONKO A A	27,30
SAL'KUA YE N	39,60	SHAPLYGINA T A	45	SILAYEVA N B	2	SOLOMONOV V I	15
SAMARSKIY P M	92	SHARKINA E V	3	SILENOK A S	84,89	SOLOJUKHIN R I	16
SAMARTEV V V	35	SHARKOV B YU	91	SILICHEV O O	1	SOLDV'YEV N A	90
SAMOKHIN A A	85	SHARONOV G M	22	SIMONOV A P	60	SOLDV'YEV N A	16
SAMOKHVALOV I V	46,47	SHATROV A D	43	SINITSYN A M	11	SOLOV'YEVA M YE	14
SAMOKHLENKO V D	41	SHCHALANOV S P	10	SINYAVSKIY E P	81,82	SOROKA A M	17
SAMOYLOV V B	25	SHCHEGLOV V A	18	SIVACHENKO S D	74	SOROKIN V M	92
SAMSONOV YU N	63	SHCHERBAKOV A A	21	SKIVKO G P	66	SOROKIN V V	78
SAMUZHLOVA N K	82	SHCHERBAKOV G P	71	SKLIZKOV G V	98	SOROKIN YU M	64
SAPOZHNIKOV A I	76	SHCHERBAKOV YE A	23	SKLYAROV O T	38	SOSKIN M S	38,39,59,60,78
SARDYKO V I	76,77	SHEREKO YU N	13	SKORUN S D	3	SOSNIN V P	43
SARTAKOV B G	14	SHER YE S	45	SKOROBOGATOV V S	1	SOTSKIY A B	43
SAVEL'YEV V V	83	SHEROZIYA G A	91	SKUDNOV A V	27	SOSTOV L V	82
SAVICHEV A T	89	SHERSTNEVA T N	26	SKUBIN B G	20	SPIKHAL'SKIY A A	24
SAVIN V V	12	SHESTOPALOV V P	51	SLAVINSKAYA V N	58	SPORNIK N M	60,79
SCHERJAL V	77	SHEVCHENKO S R	58	SLIWKA R	26	SRESELI O M	52
SCHIFFER F	77	SHEVCHENKO V V	43	SLOMINSKIY YU L	36	STABNIKOV M V	72
SCHINDLER K	28	SHEVEL' S G	87	SLORSKIY YU L	6	STAMENOV K	29
SCHRAM W	37	SHEYKMAN M K	60	SMELOV B V	69	STASEL'KO D I	56,60,65
SCHROEFEL J	45	SHIKANDV A S	90	SMIL'GYAVICHYUS V	22	STAVROV A A	67,78
SCZANIECKI L	22	SHIKANDV A YE	41	SMIRNOV A A	40	STEFANOVICH S YU	90
SCZANIECKI Z	22	SHIPILOV A F	14	SMIRNOV A G	53	STEFANSKAL A	36
SELEZNEVA V A	51,56	SHIPILOV K F	20	SMIRNOV H G	31	STEL'SKAL A	76
SELEZNEVA L A	15,22	SHIPULO G P	33	SMIRNOV V A	48	STEL'MAKH O M	6,38,62
SELINSKIY I N	69	SHISHARIN A V	60	SMIRNOV V V	70,77	STEPANENKO A S	23
SEMONOV A A	46	SHITOV V G	52	SMIRNOV YE A	9	STEPANENKO V N	27
SEMONOV A S	3	SHKARDIN G N	32	SMIRNOVA T N	8	STEPANOV A A	18
SEMONOV G B	58,70	SHMAL'GAUZEN V I	32,49	SMOLINSKIY G A	35,45	STEPANOV A N	26
SEMONOV G I	69	SHMANAY G S	7	SMOLINSKA H	72	STEPANOV B I	12,35,96
SEMONOV O G	20	SHMAGNOV T A	20	SMOLOVICH A M	58	STEPANOV B M	92,96
SEMONOV S P	60	SHMARTSEV YU V	81	SNOPKO V N	91	STEPANOV N S	97
SENBALANUT V M	33,37	SHOSTKO S N	39	SOBEL'MAN I I	18	STEPANOV S I	57
SENIZOROV A F	87	SHPAK I V	77	SOROL' A A	35	STEPANOV V A	15,17,66
SENATOROV YU M	9	SHPAK M T	6,38,53	SOROL' E N	85	STINSER E P	45
SENK A V	31	SHREYDER YE YA	77	SOROLENKO D N	30	STOPACHINSKIY V B	32,35,80
SENKOSOV E A	3	SHTAYN A V	76	SOROLEV G A	58	STOURACH L	80
SERAK S V	24,55	SHTAYNGOL'TS Z I	26,66	SOROLEV N N	11	STOZHAROVA K A	58
SEREBRYAKOV V A	90	SHTYRKOV YE I	35,58	SOROLEV V S	77	STREK W	36
SERGEYENKO T N	54	SHUBIN I F	1	SOROLEVA T I	69	STRIGUN V L	65,67
SERGEYEV A B	3	SHUBINA V V	5	SOCHOR V	49,63	STRIZHEVSKIY V L	29,31
SEROBABIN A T	41	SHULEYKIN V N	48	SOKOLOV A V	43	STRIZHEVSKIY G A	39
SEROV O B	58,67	SHUMAKOV V R	10	SOKOLOV N I	55,57	SUBOTINOV N V	15
SEROV R V	38	SHUR M L	18	SOKOLOV V K	71	SUCHKOV A F	13,81
SHABANOV V F	29	SHUVALOV V V	92	SOKOLOV V P	84	SUKHANOV V I	59
SHADANOV M A	51	SHVARTS K K	80	SOKOLOVSKAYA A I	31	SUKHANOVA V P	64
SHAKIR YU A	10	SHVETSOV L N	28	SOKOLOVSKIY R I	34,86	SUKHAREV S A	31
SHAKIROV A	59	SIBEL'DIN N N	32	SOKOLIKOV V V	13	SUKHMAN YE P	78

YEPIFAKOV A S	86	ZIMIN L G	82
YEPIFAKOV V P	18	ZINOV YEV P V	2
YERKO A I	4	ZNAMENSKIY N V	34
YERMACHENKO V M	9	ZOLOTOV YE M	23
YERMAKOV V P	29	ZOLOTOUKHIN G YE	85
YEROKHOVETS V K	60	ZOLTAN CS	6
YEVTYUKHIN N V	16	ZON B A	62
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