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Reference Aid

DIRECTORY OF JPRS NONSERIAL PUBLICATIONS

January-December 1981



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FOREWORD

This directory lists the JPRS nonserial publications issued in 1981. In contrast to the JPRS serial publications, the JPRS nonserial publications are usually translations of monographs or reference aids in all fields and areas and are issued under their own titles.

Each entry of the directory shows the JPRS number, date of JPRS publication, the translated title of the original text, and the full source information as printed in the JPRS publication. Copyrighted, FOR OFFICIAL USE ONLY reports are designated by "L/" preceding a four or five digit number.

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CATEGORY I - AD HOC SCIENTIFIC AND TECHNICAL

USSR - A. AEROSPACE

JPRS L/9788 (11 Jun 81) 151 pp

ASTRONOMICAL OPTICAL SYSTEM PRODUCTION METHODS

Moscow METODY IZGOTOVLENIYA ASTRONOMICHSKOY OPTIKI in Russian 1980 signed to press 14 Nov 80 pp 2-142, 196
"Astronomical Optical System Production Methods", by Eduard Aleksandrovich Vitrichenko, Aleksandr Mikhaylovich Prokhorov and Yevgeniy Vasil'yevich Trushin, research performed under the auspices of the Space Research Institute of the USSR Academy of Sciences, published by Izdatel'stvo "Nauka", 1,000 copies, 196 pages, UDC 522.2

JPRS L/10110 (10 Nov 81) 135 pp

MAN AND SPACE ASTRONAVIGATION

Moscow CHELOVEK I KOSMICHESKAYA ASTRONAVIGATSIYA in Russian 1979 signed to press 26 Jan 79 pp 2-6, 31-71, 103-207, 220-222
Annotation, introduction, Chapters 2, 3, 5, 6, 7 and table of contents from book "Man and Space Astronavigation", by Valeriy Fedorovich Bykovskiy, Leonid Pavlovich Grimak, Yevgeniy Aleksandrovich Ivanov et al., edited by V. F. Bykovskiy, candidate of engineering sciences, pilot-cosmonaut of the USSR, V. P. Merkulov, doctor of engineering sciences and L. S. Khachatur'yants, doctor of medical sciences, Izdatel'stvo "Mashinostroyeniye", 1700 copies, 224 pages, illustrated

USSR - C. BIOLOGY AND MEDICINE

JPRS L/9468 (5 Jan 81) 218 pp

ANTHRAX

Moscow SIBIRSKAYA YAZVA in Russian 1976 signed to press 23 Jan 76 pp 1-287
Text of book edited by S. G. Kolesov, Izdatel'stvo "Kolos", 19,000 copies, 287 pages, UDC 616.981.51

JPRS L/9533 (9 Feb 81) 115 pp

SOVIET LITERATURE ON AVIATION, SPACE AND HIGH ALTITUDE BIOLOGY AND MEDICINE.
A BIBLIOGRAPHY

Leningrad OTECHESTVENNAYA LITERATURA PO AVIATIONNOY KOSMICHESKOY I
VYSOKOGORNOY BIOLOGII I MEDITSINE. BIBLIOGRAFIYA (Domestic [Soviet] Literature on Aviation, Space and High Altitude Biology and Medicine) in Russian 1980 signed to press 21 Jan 80 topics 6, 13, 22, 25, 41, 45, 46, 47, 49, 52, 57, 58, 59, 61, 63, 64
Excerpts from book by A. A. Sergeev, Izdatel'stvo Nauka, 900 copies, 156 pages

JPRS L/9881 (31 Jul 81) 179 pp

AEROSPACE MEDICINE. SIXTH ALL-UNION CONFERENCE ON SPACE BIOLOGY AND AEROSPACE
MEDICINE. KALUGA 5-7 JUNE 1979. PART I

Complete translation of the Russian language book edited by Academician O. G. Gazonko: "Aviakosmicheskaya meditsina. VI Vsesoyuznaya konferentsiya po kosmicheskoy biologii i aviakosmicheskoy meditsine. Kaluga 5-7 iyunya 1979. Chast' I", USSR Ministry of Health, Department of Physiology of the USSR Academy of Sciences, Institute of Biomedical Problems of the USSR Ministry of Health and State Museum of History of Cosmonautics imeni K. E. Tsiolkovskiy, published in Moscow, 160 pages [summaries of papers]

JPRS L/9882 (31 Jul 81) 222 pp

AEROSPACE MEDICINE. SIXTH ALL-UNION CONFERENCE ON SPACE BIOLOGY AND AEROSPACE
MEDICINE. KALUGA 5-7 JUNE 1979. PART II

Complete translation of the Russian language book edited by Academician O. G. Gazonko: "Aviakosmicheskaya meditsina. VI Vsesoyuznaya konferentsiya po kosmicheskoy biologii i aviakosmicheskoy meditsine. Kaluga 5-7 iyunya 1979. Chast' II", USSR Ministry of Health, Department of Physiology of the USSR Academy of Sciences, Institute of Biomedical Problems of the USSR Ministry of Health and State Museum of History of Cosmonautics imeni K. E. Tsiolkovskiy, published in Moscow, 204 pages [summaries of papers]

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JPRS L/9986 (16 Sep 81) 65 pp

MEMORY AND ADAPTATION

Novosibirsk PAMYAT' I ADAPTATSIYA in Russian 1979 signed to press 23 May 79 pp 2, 3-5, 34-72, 142-150, 158-181, 192
Annotation, introduction, chapters 2 and 3, conclusion, sections 2, 3 and 4 of the appendix, bibliography and table of contents from book by Rostislav Yul'yanovich Il'yuchenok, "Memory and Adaptation," edited by Aleksandr Feodorovich Nikiforov, Izdatel'stvo "Nauka" (Siberian Division), 4,500 copies, 192 pages, UDC 612.821.2+612.821.6

JPRS L/10048 (14 Oct 81) 327 pp

BIOMEDICAL AND PSYCHOSOCIAL PROBLEMS OF SPACE FLIGHT: AN INDEX OF SOVIET AND FOREIGN LITERATURE 1966-1970

Moscow MEDIKO-BIOLOGICHESKIYE I SOTSIAL'NO-PSIKHOLOGICHESKIYE PROBLEMY KOSMICHESKIKH POLETOV. UKAZATEL' OTECHESTVENNOY I ZARUBEZHNOY LITERATURY. 1966-1970 GG. in Russian 1978 (signed to press 9 Mar 78) pp 4, 8-10, 13-16, 20-23, 27, 32-34, 36, 37-38, 63-65, 136-142, 145-149, 185-205, 279-328, 428-437, 471-518

Excerpts from book edited by O. G. Gzenko (Chairman), Ye. A. Koltun, E. F. Panchenkova, N. M. Rudnyy, N. M. Sikorskiy, D. V. Ter-Avanesyan, and N. A. Yakunin, Izdatel'stvo "Nauka", 1,000 copies, 519 pages, UDC 016.613.693

JPRS L/10206 (22 Dec 81) 87 pp

PROCEDURAL QUESTIONS OF SETTING HEALTH SAFETY STANDARDS FOR ELECTROMAGNETIC RADIO FREQUENCY RADIATIONS

Moscow METODOLOGICHESKIYE VOPROSY GIGIYENICHESKOGO NORMIROVANIYA ELEKTRO-MAGNITNYKH IZLUCHENIY RADIOCHASTONOGO DIAPAZONA in Russian 1979 pp 2-137
Collected papers edited by B. M. Savin, Order of the Red Banner of Labor Scientific Research Institute for Labor Health Safety and Occupational Diseases of the USSR Academy of Medical Sciences, Moscow, 1979

JPRS L/10211 (23 Dec 81) 158 pp

ARTIFICIAL SENSE ORGANS. PROBLEMS OF MODELING SENSORY SYSTEMS

Moscow ISKUSSTVENNYYE ORGANY CHUVSTV. PROBLEMY MODELIROVANIYA SENSORNYKH SISTEM in Russian 1979 (signed to press 15 Jun 79)
Book by Sergey Vasil'yevich Fomin, Yevgeniy Nikolayevich Sokolov and Genrikh Genrikhovich Vaytkyavichyus, Izdatel'stvo "Nauka", UDC 519.95

JPRS 77320 (4 Feb 81) 149 pp

BIONICS

Kiev BIONIKA; RESPUBLIKANSKIY MEZHVEDOMSTVENNIY SBORNIK, OSNOVAN V 1969 g. (BIONICS; REPUBLIC INTERAGENCY COLLECTION, FOUNDED IN 1969) in Russian No 12, 1978 signed to press 11 Jul 78 pp 3-117
Translation of articles in the collection issued by the Institute of Hydro-mechanics, Ukrainian SSR Academy of Sciences, G. V. Logvinovich, editor in chief, Izdatel'stvo "Naukova dumka," 850 copies, 117 pages, UDC 577

USSR - E. EARTH SCIENCES AND ASTRONOMY

JPRS L/10015 (25 Sep 81) 168 pp

WORKS OF THE 10TH ALL-UNION SCHOOL-SEMINAR ON STATISTICAL HYDROACOUSTICS

Novosibirsk TRUDY DESYATOY VSESOYUZHNOY SHKOLY-SEMINARA PO STATISTICHESKOY GIDROAKUSTIKE in Russian 1980 (signed to press 23 Oct 80) pp 2-144
Complete contents of collection of works "Works of the 10th All-Union School-Seminar on Statistical Hydroacoustics", edited by V. V. Ol'shevskiy, N. G. Zagoruyko, S. V. Pasechnyy and L. Ya. Taradanov, Institute of Mathematics, Siberian Department, USSR Academy of Sciences, 400 copies, 144 pages

JPRS L/10061 (21 Oct 81) 58 pp

MARINE ELECTROMAGNETIC RESEARCH. COLLECTION OF THE INSTITUTE OF TERRESTRIAL MAGNETISM, THE IONOSPHERE AND RADIO WAVE PROPAGATION OF THE USSR ACADEMY OF SCIENCES

Moscow MORSKIYE ELEKTROMAGNITNYYE ISSLEDOVANIYA: SBORNIK IZMIRAN in Russian 1975 (signed to press 25 Mar 76) 200 copies, pp 2-80
Edited by Gennadiy Aleksandrovich Fonarev, Candidate of Physico-Mathematical Sciences

JPRS L/10079 (28 Oct 81) 165 pp

FINESTRUCTURE AND SYNOPTIC VARIABILITY OF THE SEAS

Tallinn TONKAYA STRUKTURA I SINOPTICHESKAYA IZMENCHIVOST' MOREY in Russian 1977 (signed to press 23 Oct 80) pp 1-200
Text of book edited by A. M. Aytsam, Eesti NSV Teaduste Akadeemia, 1980, 200 copies, 200 pages

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USSR - F. ELECTRONICS

JPRS L/9471 (5 Jan 81) 215 pp

HANDBOOK ON ELECTRONIC MEASURING INSTRUMENTS

Moscow SPRAVOCHNIK PO IZMERITEL'NYM PRIBORAM (Handbook on Electronic Measuring Instruments) in Russian 1978 signed to press 19 Sep 78 pp 4-12, 197-237, 237-251, 252-289, 303-314, 317-328, 329-367
Chapters 1, 7, 8, 9, 11, 13, 14 from the book by V. V. Mardin, A. I. Krivonosov, Moscow, Svyaz', 95,000 copies, 416 pages, UDC 621.37/39

JPRS L/9759 (28 May 81) 356 pp

PRODUCTION TECHNOLOGY OF MICROELECTRONIC DEVICES

Moscow TEKHOLOGIYA PROIZVODSTVA MIKROELEKTRONNYKH USTROYSTV in Russian 1980 (signed to press 15 Feb 80) pp 1-448
Book by Ideya Aleksandrovna Malysheva, Izdatel'stvo Energiya, approved by the USSR Ministry of the Electronic Industry as a textbook in the specialty of microelectronic circuitry production at the middle specialized schools, 15,000 copies, 448 pages, UDC 621.3.049.77.002(075)

JPRS L/10095 (4 Nov 81) 88 pp

MICROPROCESSORS

Moscow MIKROPROTSESSORY in Russian 1981 (signed to press 24 Mar 81) pp 1-70
Text of brochure "Microprocessors" by Mikhail Alekseyevich Bedrekovskiy, Nikolay Serafimovich Kruchinkin and Vladimir Andreyevich Podolyan, Izdatel'stvo "Radio i svyaz'", 60,000 copies, 71 pages

USSR - G. ENGINEERING

JPRS L/9569 (24 Feb 81) 234 pp

ANALYTICAL DESIGN OF SHIPS

Leningrad ISSLEDOVATEL'SKOYE PROYEKTIROVANIYE KORABLEY (Analytical Design of Ships) in Russian 1980 signed to press 26 Mar 80 pp 1-240
Book by L. Yu. Khudyakov, Sudostroyeniye, 2,200 copies, 240 pages, UDC 629.12.001.2

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JPRS L/9660 (14 Apr 81) 248 pp

HANDBOOK FOR DESIGNING BUILDING COMPONENTS FOR CIVIL DEFENSE SHELTERS

Moscow RUKOVODSTVO PO PROYEKTIROVANIYU STROITEL'NYKH KONSTRUKTSIY UBEZHISHCH GRAZHDANSKOY OBORONY in Russian 1974 (signed to press 14 Oct 74) pp 1-300
Translation of "Handbook for Designing Building Components for Civil Defense Shelters" by V. F. Baranov, et al., of the Central Scientific Research and Experimental Design Institute of Industrial Buildings and Structures of USSR Gosstroy, Stroyizdat, Moscow, 1974, 20,500 copies, 300 pages, UDC 699.852.001.2

USSR - H. FUELS AND PROPULSION

JPRS L/9974 (10 Sep 81) 221 pp

ECONOMICS OF FUELS AND ENERGY TRANSPORTATION

Moscow EKONOMIKA TRANSPORTA TOPLIVA I ENERGII in Russian 1980 (signed to press 28 Feb 80) pp 6-162, 166-189
Chapters 1-7, pp 159-162 of Chapter 8, Chapters 9 and 10, Conclusions and Bibliography from the book "Economics of Fuels and Energy Transportation" by Serafim Sergeevich Ushakov and Tatyana Mikhaylovna Borisenko, ed. by Ye. O. Shteyngauz, Izdatel'stvo "Energiya," 5,000 copies, 192 pages

USSR - K. NUCLEAR SCIENCE AND TECHNOLOGY

JPRS L/9839 (10 Jul 81) 232 pp

NUCLEAR POWER PLANT CONSTRUCTION

Moscow STROITEL'STVO ATOMNYKH ELEKTROSTANTSIY in Russian 1979 (signed to press 4 May 79)
Sections 1-1, 1-2, 1-3, 2-1, 2-2, 2-3, 3-1, 3-2, 4-1, Chapter 6, Bibliography and Index from the book STROITEL'STVO ATOMNYKH ELEKTROSTANTSIY by V. B. Dubrovskiy, P. A. Lavdanskiy, F. S. Neshumov, Yu. V. Ponomarev, A. P. Kirillov and V. S. Konviz, Izdatel'stvo Energiya, 6,500 copies, UDC [621.311.25 621.039].002.2(0.75.8)

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JPRS L/10150 (1 Dec 81) 130 pp

CHANNEL NUCLEAR ENERGY REACTOR

Moscow KANAL'NYY YADERNYY ENERGETICHESKIY REAKTOR in Russian 1980 (signed to press 27 Mar 80) pp 11-78, 95-102, 119-123, 131-137, 182-203
Chapters 2, 3, 5, 10, 11 and excerpts from chapter 6 from book "Channel Nuclear Energy Reactor" by N. A. Dollezhal' and I. Ya. Yemel'yanov, Izdatel'stvo Atomizdat, 2,500 copies, 208 pages

JPRS L/10157 (3 Dec 81) 184 pp

RADIATING PROPERTIES OF SHOCK WAVES IN GASES

Moscow IZLUCHATEL'NYYE SVOYSTVA UDARNYKH VOLN V GAZAKH in Russian 1977
Book by M. A. Tsikulin and Ye. G. Popov, Izdatel'stvo "Nauka," 173 pages

JPRS L/10216 (24 Dec 81) 313 pp

THERMOPHYSICAL PROPERTIES OF WORKING MEDIA OF THE GAS-PHASE NUCLEAR REACTOR

Moscow TEPIOFIZICHESKIYE SVOYSTVA RABOCHIKH SRED GAZOFAZNOGO YADERNOGO REAKTORA in Russian 1980 (signed to press 1 Aug 80) pp 6-63
Chapter 1 from the book "Thermophysical Properties of Working Media of the Gas-Phase Nuclear Reactor", by Viktor Konstantinovich Gryaznov, Igor' L'vovich Iosilevskiy, Yuriy Georgiyevich Krasnikov, Nina Ivanovna Kuznetsova, Vladimir Ivanovich Kucherenko, Galina Borisovna Lappo, Boris Nikolayevich Lomakin, Georgiy Alekseyevich Pavlov, Eduard Yevgen'yevichson and Vladimir Yevgen'yevich Fortov and edited by V. M. Iyevlev, Atomizdat, 1,800 copies, 304 pages

USSR - L. PHYSICS AND MATHEMATICS

JPRS L/9639 (2 Apr 81) 184 pp

STUDY OF HYDRODYNAMIC INSTABILITY BY NUMERICAL METHODS

Moscow IZUCHENIYE GIDRODINAMICHESKOY NEUSTOYCHIVOSTI CHISLENNYMI METODAMI in Russian 1980 signed to press 26 Dec 79 pp 1-227
Translation of the collection of scientific articles "Study of Hydrodynamic Instability of Numerical Methods", edited by A. A. Samarskiy, Institut prikladnoy matematiki AN SSSR, 400 copies, 227 pages

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JPRS L/9643 (3 Apr 81) 162 pp

PENETRATION (PENETRATION OF COMPRESSIBLE CONTINUOUS MEDIA BY SOLID STATES)

Moscow PRONIKANIYE (PRONIKANIYE TVERDYKH TEL V SZHIMAYEMYYE SPLOSHNYYE SREDY)
in Russian 1974 signed to press 3 Dec 74 pp 1-164
Translation of Chapter 1 from the book by A. Y. Sagomonyan, Izdatel'stvo
Moskovskogo Universitata, 3,360 copies, 299 pages, UDC 534.26+539.374

JPRS L/9937 (25 Aug 81) 219 pp

CHEMICAL LASERS

Moscow KHIMICHESKIYE LAZERY in Russian 1980 (signed to press 5 Sep 80)
pp 1-224
Book "Chemical Lasers", by Valeriy Konstantinovich Ablekov, Yuriy Nikiforovich
Denisov and Viktor Vasil'yevich Proshkin, Atomizdat, 2,850 copies, 224 pages,
UDC 621.375.826

JPRS L/10212 (23 Dec 81) 295 pp

OPTICAL CAVITIES AND THE PROBLEM OF DIVERGENCE OF LASER EMISSION

Moscow OPTICHESKIYE REZONATORY I PROBLEMA RASKHODIMOSTI LAZERNOGO
IZLUCHENIYA in Russian 1979 (signed to press 29 Oct 79) pp 2-328
Book by Yuriy Alekseyevich Anan'yev, Izdatel'stvo, 4,000 copies, 328 pages,
UDC 539.1

USSR - M. MISCELLANEOUS

JPRS L/10200 (18 Dec 81) 443 pp

SHIP BOUNDARY LAYER CONTROL

Leningrad UPRAVLENIYE POGRANICHNYM SLOYEM SUDNA in Russian 1968 pp 2-491
Book by Abram Moiseyevich Basin, Aleksandr Izrailevich Korotkin, Leonid
Fillippovich Kozlov, Sudostroyeniye, submitted 3 June 1968, 2,800 copies,
UDC 629.12:532.526

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JPRS L/10210 (23 Dec 81) 111 pp

SYNCHRONIZATION OF PRECISION TIME AND FREQUENCY STANDARDS

Moscow SINKHRONIZATSIYA VYSOKOTOCHNYKH MER VREMENI I CHASTOTY in Russian 1976 (signed to press 21 Jun 76) pp 2-39, 60-153, 164-168
Annotation, introduction, chapters 1-3, 5-7, references and table of contents from book "Synchronization of Precision Time and Frequency Standards", by Gleb Nikolayevich Paliy and Yelena Vitol'dovna Artem'yeva, Izdatel'stvo standartov, 5,000 copies, 168 pages

USSR - N. CYBERNETICS

JPRS L/10111 (10 Nov 81) 103 pp

COMPUTING SYSTEMS AND SYNCHRONOUS ARITHMETIC

Moscow VYCHISLITEL'NYYE SISTEMY I SINKHRONNAYA ARIFMETIKA in Russian 1981 (signed to press 26 Mar 81) pp 2-5, 162-275, 348-359
Annotation, table of contents, preface, chapters 4 and 5, bibliography and index from book "Computing Systems and Synchronous Arithmetic", by Mikhail Aleksandrovich Kartsev and Vladimir Arkad'yevich Brik, Izdatel'stvo "Radio i svyaz'", 10,000 copies, 360 pages, UDC 681.32

JPRS L/10181 (11 Dec 81) 208 pp

HUMAN INTELLIGENCE AND COMPUTER PROGRAMS

Moscow INTELEKT CHELOVEKA I PROGRAMMY EVM in Russian 1979 (signed to press 23 Jul 79) pp 1-230
Book edited by Doctor of Psychological Sciences O. K. Tikhomirov, USSR Academy of Sciences Institute of Psychology, Izdatel'stvo "Nauka", 7,100 copies

USSR - O. SCIENTISTS AND SCIENTIFIC ORGANIZATIONS

JPRS L/9521 (3 Feb 81) 39 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

This non-serial report contains selected translations of Russian articles on the planning and administration of Soviet research and development and the introduction of scientific achievements into industry.

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JPRS L/9976 (10 Sep 81) 74 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS L/10058 (19 Oct 81) 48 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS L/10165 (4 Dec 81) 149 pp

IN THE FOCUS OF TIME

Leningrad V FOCUSE VREMENI in Russian 1976 (signed to press 7 Dec 76)
pp 1-210

Book "In the Focus of Time" by Abikoam Samuylovich Istigin, Izdatel'stvo
Lenizdat, 2,500 copies, 210 pages

JPRS 77305 (3 Feb 81) 49 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS 77726 (1 Apr 81) 28 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS 78016 (7 May 81) 76 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS 78615 (28 Jul 81) 47 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS 78827 (25 Aug 81) 66 pp

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JPRS 79119 (2 Oct 81) 58 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS 79383 (5 Nov 81) 63 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

JPRS 79666 (15 Dec 81) 68 pp

SOVIET SCIENCE AND TECHNOLOGY POLICY

INTERNATIONAL

JPRS L/9638 (1 Apr 81) 14 pp

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CATEGORY II - AD HOC SOCIAL SCIENCES

USSR

JPRS L/9506 (26 Jan 81) 74 pp

TRANSPORT DEVELOPMENT PROBLEMS AND PROSPECTS

Moscow PROBLEMY I PERSPEKTIVY RAZVITIYA TRANSPORTA (Problems and Prospects in Transport Development) in Russian 1980 signed to press 26 Feb 79 pp 1-125
Book by Ivan Grigor'yevich Paulovskiy, Izdatel'stvo Transport, 13,000 copies, 125 pages, UDC [656"71"+385/388](571.1/.6)

JPRS L/9561 (20 Feb 81) 139 pp

RAILWAY TRANSPORT ECONOMICS AND PLANNING. PART I. RAILWAY TRANSPORT ECONOMICS

Moscow EKONOMIKA I PLANIROVANIYE ZHELEZNO-DOROZHNOGO TRANSPORTA. YAST'I. EKONOMIKA ZHELEZNO-DOROZHNOGO TRANSPORTA in Russian 1978 signed to press 20 Sep 80 pp 7-20, 25-32, 53-61, 76-78, 79-84, 97-99, 135-154, 180-189, 197-203, 212-217, 217-225, 241-245, 246-254, 259-265, 292-294, 300-304, 309-323

Book edited by Doctor of Economic Sciences, Professor I. V. Belov and Candidate of Technical Sciences, Associate Professor M. F. Trikhunkov, confirmed by the Main Administration of Academic Institutions of the Ministry of Railways as a textbook for railway transport technical schools, Izdatel'stvo "Transport," 15,000 copies, 352 pages, UDC 385+658.062.2:656.2

JPRS L/9592 (6 Mar 81) 109 pp

ELECTRIC POWER--REFERENCE BOOK FOR HIGH-VOLTAGE ELECTRIC POWER PLANTS; REVISED AND UPDATED

Moscow SPRAVOCHNIK PO ELEKTRICHESKIKH USTANOVKAM VYSOKOGO NAPRYAZHENIYA (MANUAL ON HIGH-VOLTAGE ELECTRIC POWER PLANTS) in Russian 1974 signed to press 1 Jan 74 pp 2, 3-4, 247-320
Annotation, table of contents and section four from book by Isaak Abramovich Baumshteyn and Mikhail Vasil'yevich Khomyakov, Energiya, 25,000 copies, 568 pages, UDC 621.31.027.3(031)

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JPRS L/9649 (7 Apr 81) 354 pp

WAR AND THE ARMY--A PHILOSOPHICAL AND SOCIOLOGICAL STUDY

Moscow VOYNA I ARMIYA--FILOSOFSKO-SOTSIOLOGICHESKIY OCHERK in Russian 1977
(signed to press 17 Nov 77) pp 1-416
Text of the book edited by D. A. Volkogonov, A. S. Milovidov, S. A.
Tyushkevich, Voenizdat, 100,000 copies, 416 pages

JPRS L/9657 (10 Apr 81) 81 pp

ORGANIZATION OF THE MANAGEMENT OF CIVIL AVIATION ENTERPRISES

Moscow ORGANIZATSIYA UPRAVLENIVA PREDPRIYATIYAMI GRAZHDANSKOY AVIATSII in
Russian 1980 (signed to press 20 May 80) pp 1-74
Summary, introduction and chapters 1-4 from the book "Organization of the
Management of Civil Aviation Enterprises" by Valeriy Klement'yevich Chirkov,
Izdatel'stvo Transport, 1,900 copies, 118 pages, UDC 629.7.338.984.003(022)

JPRS L/9667 (16 Apr 81) 97 pp

NONPROLIFERATION OF NUCLEAR WEAPONS AND U.S. POLICY

Moscow NERASPROSTRANENIYE YADERNOGO ORUZHIIYA I POLITIKA SSHA in Russian 1980
pp 2, 3-10, 11-35, 97-132, 157-188, 188-211, 255-272, 273-276, 279
Excerpts from the book "Nonproliferation of Nuclear Weapons and U.S. Policy"
by V. F. Davidov, Academy of Sciences, Institute of the United States of
America and Canada, Izdatel'stvo "Nauka," 279 pages

JPRS L/9697 (29 Apr 81) 384 pp

TANKS AND TANK TROOPS

Moscow TANKI I TANKOVYE VOYSKA in Russian 2d ed, supplemented 1980 (signed
to press 14 Mar 80) pp 1-432
Book published under the general editorship of A. Kh. Babadzhanyan,
Voenizdat, 25,000 copies, BBK 68.513 T18 UDC 623.438.32+358.119(001.1)

JPRS L/9704 (30 Apr 81) 384 pp

HANDBOOK ON THE ENGINEERING DESIGN OF SHIPYARDS, SHIPBUILDING SHOPS AND SHEDS

Leningrad SPRAVOCHNIK PO TEKHNOLIGICHESKOMU PROYEKTIROVANIYU SUDO-STROITEL'NYKH VERFEY I TSEKHOV in Russian (signed to press 28 Jan 80)
pp 1-198

Book by A. K. Syrkov, Izdatel'stvo Sudostroyeniye, 200 pages, 2,600 copies,
UDC 621.128.1.001.2(031)

JPRS L/9748 (21 May 81) 101 pp

TRANSLATIONS ON MAJOR USSR RIVER DIVERSION PROJECTS--VOLUME I

JPRS L/9815 (26 Jun 81) 92 pp

TRANSLATIONS ON MAJOR USSR RIVER DIVERSION PROJECTS--VOLUME II

JPRS L/9834 (8 Jul 81) 94 pp

TRANSLATIONS ON MAJOR USSR RIVER DIVERSION PROJECTS--VOLUME III

JPRS L/9878 (30 Jul 81) 237 pp

DESIGN FUNDAMENTALS OF NONINDUSTRIAL AND INDUSTRIAL BUILDINGS

Moscow OSNOVY PROYEKTIROVANIYA GRAZHDANSKIKH I PROMYSHLENNYKH ZDANIY in
Russian 1930 (signed to press 26 Dec 76) pp 1-240

Book "Design Fundamentals of Nonindustrial and Industrial Buildings" by Boris
Yakovlevich Orlovskiy and Anatoliy Alekseyevich Magay, Stroyizdat, 80,000
copies, 240 pages; approved by the administrative personnel and institutions
of higher learning of the USSR Ministry of Heavy Industrial Construction as a
training aid in speciality 1202 "Industrial and Nonindustrial Construction";
UDC 721.011(075.3)

JPRS L/9879 (30 Jul 81) 102 pp

COMPUTERIZED RADAR OPERATOR TRAINERS

Moscow TRENAZHERY DLYA PODGOTOVKI OPERATOROV RLS S POMOSHCH'YU EVM in
Russian 1980 (signed to press 5 Dec 79) pp 2-126

Book "Computerized Radar Operator Trainers" by Anatoliy Nikolayevich Romanov,
Voyenizdat, 6,000 copies, 127 pages; UDC 681.14:621.396.96(024)

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JPRS L/9911 (13 Aug 81) 145 pp

TROOP CONTROL THROUGH PERT METHODS

Moscow UPRAVLENIYE VOYSKAMI S POMOSHCH'YU SETEVYKH METODOV in Russian 1974 (signed to press 7 Jan 74) pp 3-143
Book by Pavel Grigor'yevich Skachko, Vladimir Maksimovich Kulikov, and Georgiy Kitovich Volkov entitled "Troop Control With the Aid of Program Evaluation and Review Technique Methods," Voenizdat, 13,000 copies, 143 pages; annotation, foreword, conclusion, and table of contents translated and published in JPRS 63371, 5 Nov 74; UDC 358:119:355.5(07)

JPRS L/9951 (1 Sep 81) 112 pp

TRANSLATIONS ON MAJOR USSR RIVER DIVERSION PROJECTS--VOLUME IV

JPRS L/10076 (27 Oct 81) 295 pp

ECONOMIC FORECASTING FOR THE DEVELOPMENT OF LARGE TECHNICAL SYSTEMS

Moscow EKONOMICHESKOYE PROGNOZIROVANIYE RAZVITIYA BOL'SKIKH TEKHNICHESKIKH SYSTEM in Russian 1977 (signed to press 10 Jun 77) pp 1-318
Book by S. A. Sarkisyan, D. E. Starik, P. L. Akopov, E. S. Minayev and V. I. Kaspin, written under the editorial review of Doctor of Economic Sciences V. A. Lisichkin, Izdatel'stvo Mashinostroyeniye, 3,800 copies, 318 pages

JPRS 77862 (17 Apr 81) 44 pp

MATERIAL ON JUNE 1980 ALL-UNION CONFERENCE ON DEVELOPMENT OF SIBERIA

Novosibirsk EKONOMIKA I ORGANIZATSIYA PROMYSHLENNOGO PROIZVODSTVA (EKO) in Russian No 12, 1980 (signed to press 12 Nov 80) pp 3-57
Material presented at the June 1980 All-Union Conference on Development of Siberia, Izdatel'stvo "Nauka," "Ekonomika i Organizatsiya promyshlennogo proizvodstva," Sibirskoye Otdeleniye, 76,000 copies, 57 pages

CHINA

JPRS 77598 (17 Mar 81) 269 pp

REFERENCE AID -- CURRENT CHINESE SERIAL PUBLICATIONS 1981 EDITION

This reference aid is a complete translation of YIJIUBAYI-NIAN BAOKAN MULU [1981 LIST OF NEWSPAPERS AND MAGAZINES], compiled by, and offered for subscription through, the Beijing Post Office as of January 1981. The list is presented in order of domestic-subscription index number, as in the original; a list of 25 titles appended to the original as a supplement has been integrated with the main list in this translation and identified by asterisks following the index numbers. The prefix of an index number indicates the province of publication (see appendix), identified by standard abbreviations in this list. As in the original, odd prefixes, denoting newspapers, are gathered together at the beginning of the compilation. This section is followed by the magazine titles, denoted by even prefixes, which make up the bulk of the list. This year, there are more than 1100 titles in all, an increase of about 40 percent.

JPRS 79700 (22 Dec 81) 63 pp

REFERENCE AID -- GLOSSARY OF AGRICULTURAL TERMS USED IN THE CHINESE PRESS

This reference aid contains a selected list of agricultural terms commonly appearing in the Chinese press. It is not intended to be exhaustive; it is intended to supplement rather than replace existing dictionaries.

ASIA

JPRS 77257 (28 Jan 81) 229 pp

REFERENCE AID -- GLOSSARY OF NORTH KOREAN TERMS

This glossary supersedes REFERENCE AID: GLOSSARY OF NORTH KOREAN TERMS, JPRS, May 1973. It provides standardized English translations of terms used in North Korea, drawn primarily from the North Korean press, and will aid in achieving consistency in the translation of key North Korean terms and concepts. Many of the terms in this glossary represent synthesized expressions of several related strains of thought, some of which appear in slogans and are, for the most part, "live" political concepts, rich in application and full of underlying implications. A full explanation of all terms, however, is beyond the scope of this glossary. Two complementary approaches were used in the compilation of this glossary. First, definitions were compiled

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from Korean dictionaries published in Pyongyang. Second, systematic comparisons were made between the original texts of official pronouncements appearing in the North Korean press and English-language printed texts emanating concurrently from Pyongyang. The basic Korean alphabetization system was applied throughout this glossary. As an added note, North Korea has for many years been engaged in an extensive language reform movement. In accordance with government policy, a concerted effort is being made to purge the language of foreign words and to replace Sino-Korean compounds by coining new words of "purely Korean" origins. This movement is especially evident in descriptions pertaining to industrial processes and products. This glossary reflects this emphasis.

JPRS 77846 (16 Apr 81) 139 pp

REFERENCE AID -- DATA ON SERIAL PUBLICATIONS OF VIETNAM

The following is an alphabetical listing of periodicals published in the Socialist Republic of Vietnam [SRV] along with available data on alternate titles, sponsorship, officers and contents for each publication. The index number assigned to a publication is a control number used to facilitate ordering and distribution. Approximately 311 newspapers, magazines, journals, bulletins and newsletters are published in the SRV including 225 national level publications (10 in foreign languages) and 86 local level publications (3 in foreign languages). Included at the national level are publications published by or intended for the Vietnam Communist Party and other political parties; mass organizations; economic, cultural, and science and technology sectors; military branches of service and religious groups. The 35 provinces and three separate municipalities each have their own newspaper. In addition, at least 16 of these administrative divisions publish one or more journals concerned with culture, education or science and technology. Local publications focus almost exclusively on local events and issues and supplement rather than replace their national level counterparts. In this listing, the title appearing on the front cover of a publication is used as the main entry. Any variations of the title as it appears on the title page or in citations elsewhere are entered as alternate titles. This report replaces a report with the same title published as JPRS 71592 dated 1 August 1978 and Addendum of the same date.

JPRS 78559 (21 Jul 81) 256 pp

REFERENCE AID -- GLOSSARY OF TERMS USED IN THE VIETNAMESE PRESS (THIRD REVISION)

This reference aid contains a selected list of terms commonly appearing in the Vietnamese press and replaces REFERENCE AID: GLOSSARY OF TERMS USED IN THE VIETNAMESE PRESS (Second Revision), JPRS 67904, 14 September 1976. It is not intended to be exhaustive; it is intended to supplement rather than replace existing dictionaries. However, in appropriate context, these definitions supersede conflicting definitions appearing elsewhere.

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INTERNATIONAL

JPRS L/9667 (16 Apr 81) 97 pp

NONPROLIFERATION OF NUCLEAR WEAPONS AND U.S. POLICY

Moscow NERASPROSTRANENIYE YADERNOGO ORUZHIIYA I POLITIKA SSHA in Russian 1980
pp 2, 3-10, 11-35, 97-132, 157-188, 188-211, 255-272, 273-276, 279
Excerpts from the book "Nonproliferation of Nuclear Weapons and U.S. Policy"
by V. F. Davidov, Academy of Sciences, Institute of the United States of
America and Canada, Izdatel'stvo "Nauka," 279 pages

CSO: 1100

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