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SOVIET LITERATURE

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ON

NATURAL SCIENCE AND ENGINEERING

Bibliographical Index

Compiled by

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Franz Steiner Publishing House Inc., Wiesbaden

1957

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Instructions for Use of this Compilations

* An asterik in front of the title indicates that the articles in these journals were translated by the Department of Scientific and Industrial Research, 511 Regent Street, London S.W. 1, and that their translations can be ordered from the latter office.

Numbers and letters are code designations of the respective libraries, indicating where a particular publication can be found. A key to the code designations is found on book page 148, respective translation page 193.



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A. INTRODUCTORY REMARKS.

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An international scientific report, which is important to all research but indispensable to the natural sciences and technical fields, includes without a doubt the collection and evaluation of Soviet technical literature. For we know that our own discoveries make up only a small part of the whole international scientific knowledge.

When we first take into consideration the English language scientific literature, it is realized that Soviet literature must also be studied. In the Soviet Union, the natural sciences, engineering, medicine, agriculture and forestry have received much support from the state¹⁾, so that it can be quite profitable to collect Soviet discoveries in the natural sciences and technical fields more attentively.

After 1945, foreign countries noted the necessity to get hold of Soviet natural science and technical literature. Libraries, state central offices and private enterprises compete with each other in making of translations, documentary service, analysis lists, catalogues and bibliographies.²⁾

-2-

There is no central office in the German Federal Republic, but efforts are being made for the exploitation of Soviet natural science and technical literature. However, this work is mostly accomplished by institutes, factories, companies or publishers, who, in addition to the exploitation of Western and American literature, also exploit Soviet publications. This work is presently known and appreciated by a small professional group only.

1) This development is also reflected in the book production of the USSR, which in 1954 consisted of 14,000 natural science, technical, and medical book titles, that is 61% of the entire book production, and 48% of all periodicals. According to Pecat' SSSR 1954. Moskva 1955,

2) According to statistics of 1954, 42 of the 68 translated natural sciences works, published in the USA, came from the USSR.

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This is due to the special situation of German documentation, to which the exploitation work can be added. In pre-war Germany the evaluation of literature was accomplished mainly by industrial plants and the editorial offices of main newspapers. From the large jungle of Soviet natural science and technical literature only a few sprigs have shot up as far as exploitation work is concerned.

Directly after the 1945 crisis came the difficult political situation. In the beginning, scientific Soviet literature could only be brought into West Germany sparingly and in small fragments. A copy of the Soviet National Bibliography could not be obtained until 1955. Because of small circulation, characteristic distribution and sales planning of the Soviet book trade, and because of high demands in the Soviet Union, it was almost impossible to obtain a book or a periodical. However, now 12 years after the war the situation has improved to a point that many Soviet monographs and periodicals can be bought and exchanged; the exchange with the Soviet Academy of Science-Library and its branch offices in the individual Soviet republics is an especially worthwhile method.

Finally, there is a third difficulty in the matter, the small knowledge of technical Russian by German scientists. If this difficulty increases more during the coming years, we must offer the scientist and the researcher help, which will give him the opportunity to exploit Soviet literature and scientific information to his interest.

This handbook should serve this purpose. It lists:

1. Translations and bibliography and documentation translation services, which exploit Soviet literature in the field of mathematics, natural sciences, engineering, medicine, agriculture, horticulture, forestry and lumbering, hunting and fishing in German, English and French languages.

2. General German, English, French and Soviet bibliographical aid material, including Soviet natural sciences and natural literature. To this belong general bibliographies, selective bibliographies, book trade indexes, library catalogues, new acquisitions, periodical - bibliographies, bibliographies of feature articles.

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3. Soviet periodicals and articles and their translation from the above mentioned fields. There are more than 750 periodicals and articles listed in 83 technical fields;

4. Soviet, German, English and French referenced reports; main newspapers and periodicals which in their reports or bibliographical section handle Soviet technical literature;

5. Soviet, German, English and French technical bibliographies which report on Soviet technical literature;

6. Documentation offices and their documentation services in the individual fields;

7. Soviet technical dictionaries which deal with technical expressions.

Thru a poll survey of 130 places, it has been established that most of the titles were available in 92 libraries, institutes and documentation offices. A code designation list of these institutes decodes the locations which are given in a system of numbers and letters. The entire material, listed in subject order, will be found thru the alphabetical title and subject index.

Even though this reference book does not eliminate the mental effort by the scientist, it does offer him an aid to learn of important Soviet literature in his field according to title and where they are available in the German Federal Republic.

A record of Soviet literature, its translations and referenced work is considered so important in most large countries that documentation offices, translation offices and central offices for Soviet natural science and technical literature are being established or planned. New bibliographies, new translated periodicals and referenced works of Soviet literature are originating.

This survey is based on the situation as of 1 July 1957. Supplements will soon be necessary. Some improvements can already be seen today: Increase of titles, by volumes and editions; annotations to the individual titles; additions concerning entries; separation of periodicals which are necessary for research, from those which are used for instructional purposes of all levels;

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increase in the number of libraries and institutions surveyed; inclusion of possibly all places, in all countries, which exploit Soviet literature.

These tasks, however, in order not to delay the publication of this first reference work, should be considered in a new edition. The bibliographical and documentary development in this field, in all countries, will require the preparation of a second edition; all German offices which have or screen natural science and technical Soviet literature are already being called on to participate in this project.

B. SURVEY OF SOVIET LITERATURE

I. Translations and General Documentation Services

Soviet natural science, technical, medical, agricultural, and forestry literature is in itself a great handicap to the reader because of the Russian language. Because most scientists and researchers at the present time have no or little knowledge of Russian, translations will be of the greatest aid to learn of scientific discoveries in the Soviet Union.

Loss of time in the production of a translation is an aggravating matter; in most cases it takes a year and longer before a translation is released. On the other hand a translation, not only of a work of art, but also of a scientific text, can never substitute the original. In spite of this, the demand and use of the translations since 1945 is increasingly more than available in western languages.

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The East European and the Balkan countries have established large documentation and translation centers, according to the Soviet pattern. Their technical documentation card files, with numbered file system, and their monthly publications, for example the Rumanian periodical "Documentare Tehnica" (Vol. 1ff, Bucuresti 1949ff), can be ordered and from it determined the amount of added titles translated from Russian.

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Polish, Czech, Hungarian, Rumanian and Bulgarian national bibliographies likewise indicate such an amount of translated Russian monographs and articles as never before. For practical reasons these translations in East European languages should not be considered, for the German scientists and researchers know these languages as little as Russian. The Soviet Union provides its scientists with international information, and has accordingly centralized on all other fields by establishing a large central agency in 1953: The Institute for Scientific Documentation of the Academy of Sciences of the USSR, which references the entire natural science and technical literature from 41 languages in the REFERATIVNYY ZHURNAL (Journal of Abstracts) that appears in 16 individual technical fields.¹⁾

At the same time "EXPRESS INFORMATSIYA" ("Express Information") which gives translations and abstracts from international scientific literature, is published in large numbers. "A Systematical Index of Articles in Foreign Periodicals" (SISTEMATECHESKIY UKAZATEL' STATEY V INNOSTRANNYKH ZHURNALAKH) which is published by the State Publishing House for Foreign Literature, lists since 1950/51 in quarterly or semi-annual periods the titles of articles in German, English, American, French and Italian scientific literature, separated in the following fields: 1. Geology and geography; 2. Chemical sciences; 3. Biological sciences; 4. Biophysics, biochemistry, physiology, microbiology; 5. Physics; 6. Chemistry; 7. Agriculture. There exists within the field of Western languages, in contrast to the centralized procedure of the East, an extremely disorderly system for the collection of information and translation, so that above all a systematic

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1) See. Referenced reports of the Soviet Union. In: Documentation I (1953/54) H.6 - PIETSCH, E.: Concerning the problem of Soviet scientific and technical literature and its supply. Report for the Seventh Meeting of the AGARD Documentation Committee in Brussels on 30 August 1956.

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survey¹⁾ of this material is necessary. From the numerous forms, in which translations are found, we can distinguish 7 different types:

1. Translations of entire periodicals,
2. Western language resumes in Soviet periodicals,
3. Reports in Western languages concerning Soviet book and article literature,
4. Summarized reports from original works,
5. Technical documentation,
6. Translation of monographs,
7. Translations of articles from periodicals.

At the present moment, the first five forms can still be reviewed. They are not yet so numerous, always treat one certain theme, and therefore are systematically filed in the periodicals part (B III) under the technical field to which they belong, as a translation, résumé, abstract or technical documentation. Within this technical section it is shown whether or not the translations for this field are available, which translated title these translations have, and where they can be found and obtained. From this objective survey, it is clear that the fields of physics, chemistry, medicine and partly technics show many translations, reports, and good documentation services. The technical documentation offices, which provide documentation services in the form of card files or release card material, and are prepared to share information in a certain technical field, are also shown there. At the same time it will also become clear from this survey distribution (B III) which fields have not enough or no translations, and not enough abstracts, which have detailed references of Soviet literature. For example, mineralogy, paleontology, botany, geodesy, machine construction, shipbuilding, plant protection, fishing, etc.

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1) Such a survey is presented in the article of Elizabeth Beyerly: Translation from the Russian. A Guide to sources. In: "Revue de documentation" (Documentary Revue) 23 (1956) Nr. 2, pp. 33/41. An index of journals in English translation compiled by John P. Binnington: Soviet scientific journals in English translations. In: Special Libraries 48 (1957) pp 28/30. A list of English-American translation offices with listings of addresses and their work was compiled by David Kraus under the title: Sources of technical translations, available to librarians. In: Special Libraries 48 (1957) pp 26/27.

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Contrary to these present-day numerically limited forms of translation, the flood of translated monographs and articles has risen so high that the entire presently available number of titles can be listed only through a rather large catalogue or a bibliography of several volumes. Therefore, only the main features of the translations can be listed in this reference work, which gives the translations by titles in the form of bibliography, publisher's list, index, list of register of translations. Listed are translations which can be ordered, bought, received as a photo copy, or rented from a certain place. Because such good bibliographies are filed by subject, a scientist can discover which translations are available in his field and where he can get them. If these indexes have an additional author-register, one can discover if the particular author can be found there and whether his work is translated.

Bibliographical aids, which contain translations, can be differentiated according to 3 forms:

- a) Bibliographies and indexes of translations,
- b) Translated tables of contents of periodicals,
- c) General natural science and technical documentation

a) Bibliographies and Indexes of Translations

1. Bibliography of German translations from the language of the peoples of the Soviet Union and the people's democracies. Section 1: Scientific literature. Volume 1ff. Berlin 1952ff.

Published by German State Library of Berlin. At first, it appeared quarterly, but since 1953 monthly. Lists scientific literature translated into German from all Slavic languages, systematically organized into 31 technical groups. Translations from approximately 300 Soviet periodicals and newspapers are given. Besides the important titles of reports of the Soviet Academy, it lists less important literature. References from the main chemical newspaper are also included. Each booklet has a detailed author-subject index. The listed translations can be received on a loan basis or photo copies can be ordered through the German State Library of Berlin.

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Since 1953, also machine reproduced translations, which are prepared for an institute or an office, are indicated. Their use is possible by application through the central office for scientific literature. Section 2: "Belletristic Literature" will follow. The manuscript can be found in card-file form at the German State Library of Berlin.

2. Indexes of Publishers

of the "Technik" Publishing House, Berlin, and the "Fachbuchverlag" (Technical Books Publishing House) Leipzig, with information on translated monographs in the fields of engineering and the technical articles from the Large Soviet Encyclopedia;

of the German "Akademie-Verlag" (Academic Publishing House), Berlin, with information on translated scientific monographs in the fields of mathematics, and natural sciences;

of the German "Bauernverlag" (Farmer's Publishing House), Berlin, with information on translated agricultural literature and the agricultural articles from the Large Soviet Encyclopedia;

of the Fisher Publishing Concern, Jena, with information on the translated biological articles from the Large Soviet Encyclopedia;

of the publisher Nation and Health, Berlin, with information on translated medical literature and the medical articles from the Large Soviet Encyclopedia.

3. Catalogue mensuel des traductions effectue dans le Services et Centre francais de Documentation (Monthly Catalogue of Translations issued by the French Services and Translation Center) Paris 1956ff.

Published by 'Centre de Documentation du Centre National de la Recherche Scientifique', Paris. Appears monthly. Lists of translated titles into French from the fields of natural sciences and engineering, and an authors' register; printed on one side and arranged in subject order. Translations from English and Canadian documentation organizations are also included.

4. Bibliography of Translations from Russian Scientific and Technical Literature. Li t No. 1/39. Washington 1953/56.

Published by the Scientific Translations Center of the Library of Congress together with the National Science Foundation and the Atomic

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Energy Commission. Appears monthly. Lists Soviet natural science and technical literature translated into English. The translation was accomplished by the Special Libraries Association Translation Pool. The titles are loosely organized into 11 large subject groups, and within, the subject fields are alphabetically arranged according to the author. Translations are provided from some 160 Soviet periodicals. A list of these periodicals is missing. Non-published translations, which were only made for certain technical and scientific offices, are also included. The titles of 5 other translation offices and libraries are also included, and for purposes of borrowing will be marked by a certain code. Annual author's register.

5. As of 1 January 1957 the periodical "Bibliography of Translation" appeared under the title:

Translation Monthly. Vol. 1ff. Chicago 1955ff.

Published by the Special Libraries Association Translation Pool in cooperation with the John Crerar Library in Chicago. Translations from all languages are listed, which is contrary to the "Bibliography of Translations". The translations are arranged according to a topical index.

6. List of Translations from Russian, Yugoslav, Ukrainian and Polish. 1954ff.

Published by Defence Research Board, Defence Scientific Information Service, Ottawa. Arranged according to languages, then according to indexes, and within the indexes, alphabetically according to the author.

7. Index translationum (Index of Translations): "Repertoire international des traductions" (International Collection of Translations), No. 1ff. Paris 1932ff.

Unusable for study purposes of Soviet literature, since the translations are arranged according to the country in which they appeared, and not according to the country of origin or the language of the original.

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b) Translated Tables of Contents of Periodicals

1. Tables of contents of Soviet literature. Volume 1ff.
Berlin 1952ff.

Published by the Central Office for Scientific Literature,
Berlin W 8, Unter den Linden 8. Arranged by subject in different
columns, whereby:

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column 3A - mathematics, physics, astronomy, geology and geo-
graphy,

column 3B - chemistry and biology,

column 4 - agriculture and forestry,

column 6A - mining, power engineering, machine construction,
construction engineering,

column 6B - light industry, food industry, traffic and commerce.

The table of contents, with information on contents and analysis of
the individual titles, are translated from a total of 98 important
Soviet periodicals. An arrangement of the articles by subject is
made only in column 4. The titles of the technical columns are
marked with documentation numbers. Registers for the year 1955
appeared only for columns 4, 6A and 6B. Usable for momentary in-
formation.

2. Translated Contents Lists of Russian Periodicals. List 1ff.
London 1952ff.

Published by the Department of Scientific and Industrial Re-
search, London. Gives tables of contents, translated into English,
from more than 100 Soviet periodicals of the named fields. Also
missing is an arrangement of articles by subject, and an author and
subject register. In the appendix is an alphabetical list of trans-
lations of Soviet scientific and technical works, which are available
in the Science Museum Library, and a list arranged by subject of new
Soviet acquisitions by the British Museum. The periodicals, whose
articles were translated, are arranged in an alphabetical order for
each issue and have been marked with an asterisk in section B III,
which lists the Soviet periodicals according to technical subject
matter. These translated articles and periodicals can be ordered
from the Department of Scientific and Industrial Research, London.

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3. Monthly List of Russian Associations. Vol. lff.
Washington 1948 until 1949ff.

Published by the Library of Congress, Washington. Appears monthly. Lists the tables of contents from approximately 140 Soviet scientific, technical, medical and agricultural periodicals translated into English. In addition these articles are listed according to topical indexes, so that the Soviet article literature will be cited under the English technical term. Author register.

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c) General Natural Science and Technical Documentation

(Special technical documentation is handled in part B III, under the technical field!)

1. "Deutsche Gesellschaft fuer Osteuropakunde" (German Society for East European Studies), Stuttgart, Leonhardsplatz 28. Center for cultural and geographical orientation about the Soviet Union. The entire complex of natural sciences in the Soviet Union as well as screening and evaluation appears in the supplements "Osteuropa-Naturwissenschaft" (East European-Natural Sciences), which since 1957 appear with the periodical "Osteuropa" (Eastern Europe).

2. "Osteuropa-Institut" (Eastern European Institute) of the Berlin Free University, Berlin-Dahlem, Ehrenbergstr. 35.

In addition to the philological-historical section, it has a scientific, sociological, geographical, and medical section, which in its reports gives summarized surveys concerning certain topics about the Soviet Union. Provides documentation, translation and information.

3. "Zentralstelle fuer Wissenschaftliche Literatur" (Central Office for Scientific Literature), Berlin W 8, Unter den Linden 8.

a) Renders documentation services in the form of cards in DIN A 6 format. At the present moment it covers some 54 technical fields and 9 natural sciences with a monthly entry of some 7,500 titles. Title material, of informational scope, contains besides others a mass of Soviet literature. The references are worked on by technical scientists from institutes of higher learning. Each title is translated, referenced, and has a documentation number.

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One can subscribe to these documentation files with continuous 14-day deliveries.

b) Has an index of 100,000 titles translated into German, which are arranged according to author and subject. Monthly entry of some 2,000 titles. Lists also machine reproduced translations and indicates the originator from whom one can borrow or see the translation. Some 60% of all indexed translations are not published. From 1952 until March 1953, the systematically arranged translations registered here, were recorded. Since April 1953, this project is being continued in the "Bibliographie Deutscher Uebersetzungen" (Bibliography of German Translations).

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c) Has an attached file which covers 800 addresses of literature reviewers and technical translators.

The central office distributes information to questions concerning documentation and translation. Compare Documentation 3 (1956) pp 81-90.

d) Publishes a list of contents of Soviet periodicals. (Compare Section B I b, p 9 f).

4. Wladislaw KUZDRZAL-KICKI. Technical translation office for economics, industry and science. Muenchen 23, Schleissheimer Str. 91. Has over 114 Soviet periodicals. Supplies tables of contents of articles, photo copies, and translations. Publishes lists of periodicals and tables of contents of reports of the USSR Academy of Science.

5. Document Center, National Center for Scientific Research, Paris (Centre de Documentation, Centre National de la Recherche Scientifique) Paris; Center for scientific and technical translations. Has a central file of more than 40,000 translations, among them also translations from Russian, and a monthly receipt of over 500 translations. Information can be given quickly through the punched card system and a selection device.

6. Aslib-(Association of Special Libraries and Information Bureaux), 4 Palace Gate, London W. 8.

Has also a central index of translations from all languages under the title: Index to unpublished translations. Unfortunately the index of translations from Russian took up only 0.8% in 1954. Translations can be borrowed.

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7. Department of Scientific and Industrial Research, 5-11 Regent Street, London S.W. 1.

Publishes Translated Contents Lists of Russian Periodicals. Compare Section B I b, p 10. More than 100 Soviet technical periodicals of pure and applied natural sciences with their articles are evaluated. Also some sections of the Soviet referenced works are translated, especially the column "physics", which annually produces some 4,000 references¹⁾. The Department, together with the British Museum and the Patent Office, wants to establish a central translation service for Soviet scientific and technical literature.

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8. Science Museum Library, Kensington, London.

Has a translation center. Translations can be borrowed.

9. National Science Foundation, Washington 25, D.C.

Central organization for all offices which evaluate and translate Soviet natural science periodicals and monographs. Works together with all American technical documentation offices. (Compare Russian Translation Project Series of the American Council of Learned Societies, Cambridge, Mass). Translations can be borrowed.

10. Library of Congress, Washington.

Library with the largest amount of Russian-Soviet literature outside of the USSR. Microfilms and photo copies can be ordered. Publishes:

Monthly List of Russian Associations. Vol. 1ff. Washington 1948/49ff. (Compare Section B I b, p 10).

Bibliography of Translations from Russian Scientific and Technical Literature. List No. 1/39. Washington 1953/56. (Compare Section B I a, p 8).

Center for translations: Scientific Translations Center at the Library of Congress. Since 1957 the functions were taken over by:

1) among them, many references concerning the works from the Eastern Asiatic language areas, can also be found, resulting indirectly in their exploitation.

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11. Special Libraries Association Translation Pool, Chicago.

In cooperation with the John Crerar Library in Chicago and with financial aid by the National Science Foundation, it continues the Bibliography of Translations from Russian Scientific and Technical Literature since 1957 under the title: Translation Monthly, No. 1ff. Chicago 1957ff. (Compare Section B I a, p 9).

As a Depository Library, The Scientific Translations Center of the John Crerar Library founded in 1953, has a collection of 6,000 translations which are arranged according to indexes. (Compare Library Journal 82 (1957), p 166).

12. The largest translation enterprise for complete Soviet scientific, technical, medical, and agricultural periodicals is the Consultants Bureau, 227 West 17th Street, New York 11, N.Y. Since 1949, some 60 translated periodicals, above all, the sections of reports of the Academy of Sciences of USSR, have either been published by this office or will be 1957/1958. The titles of the periodicals are listed individually under the technical field in Section B III.

13. Armed Services Technical Information Agency, Knott Building, Dayton 2, Ohio.

Publishes accession lists of technical and scientific translations.

14. Brookhaven National Laboratory, Associated Universities, Inc., Upton, Long Island, N.Y.

Publishes a monthly list of Russian translations.

15. National Research Council of Canada, Ottawa.

The library has incorporated a translation section, which in a list of 1 February 1953 has 600 scientific and technical translated works mainly from Russian, that can be ordered.

16. Defence Research Board, "A" Building, Cartier Square, Ottawa Ont.

The Defence Scientific Information Service of this research office has an evaluation section of Soviet technical periodicals. Publishes a list of translated titles. Translations can be ordered.

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17. National Diet-Library, Tokyo.

In connection with this national library, a Council for Translation and a Council for Documentation was founded in 1954. (Compare International Librarian and Information Service I (1955) No. 2, p 22).

II. General Bibliographical Aids

1. General Bibliographies

1. KNIZHNAYA LETOPIS (Bibliography of Books). Moskva 1907ff.

The fields of natural sciences, engineering, medicine, agriculture and forestry, contrary to German National Bibliographies, are arranged in detail, so that all branches of natural sciences and other named sciences with its literature are listed separately. Appears weekly. An annual summary.

2. YEZHEGODNIK KNIGI SSSR (Yearbook of USSR Books). Moskva 1936ff, is also arranged by subject with an alphabetical author and title register, but gives only a selection of the most important literature. There is no summary available of the entire Soviet natural science, technical, medical, agricultural and forestry literature in the German language.

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2. Book Trade Indexes

The below listed indexes are selected bibliographies and are compiled for the purpose of ordering a listed title. Because they have no register, they can only be of service for brief orientation.

1. SOVETSKIE KNIGI (Soviet Books). 1950ff.

Published by the International Book Trade (MEZHDUNARODNAYA KNIGA) in MOSKVA. The titles planned for publication, and offered for sale to foreign countries are systematically arranged and are marked with an order number and short annotation. First issues appeared under the following changing titles: BLANK DLYA ZAKAZOV ILI DLYA ZAYAVOK (Ordering Form) and KATALOG DLYA ZAYAVOK (Catalogue for Ordering), appears twice monthly.

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2. The same appears in German translation under the title: "Sowjetische Buchneuerscheinungen" (New Soviet Publications), Leipzig 1952ff.

In 1952 and 1953 it appeared in three issues, of which the second issue listed literature concerning engineering, medicine, natural sciences, agriculture and forestry. Lists also Soviet literature which has not yet reached the publication stage, and which will be available in 3-6 months. These lists are notices of publication for the purpose of ordering. Since 1954, the entire literature is compiled in a booklet. Arranged systematically. Titles are annotated. Published since 1954 by Leipziger Kommissions- und Grossbuchhandel, Abt. Kniga, Leipzig C I, Friedrich-Ebert-Str. 76.

3. Nova. No. 1ff 1956ff.

Published by the bookseller "Kubon & Sagner", Furth i. Wald. Appears weekly. Parts F and G list Soviet literature concerning natural sciences, agriculture, forestry, mathematics, physics, chemistry, medicine, engineering, industry, handicrafts, mining, transport, and traffic.

3. Catalogues, Central Catalogues, New Acquisition Lists

It would be natural here to consider all subject catalogues of large scientific libraries, above all of technical institutes, which classify systematically or according to index words the available literature concerning the specific fields, in a partly general and a partly more specific manner.

To the existing central catalogues of foreign literature, new editions have recently appeared under the title:

1. "Zentralkatalog der auslaendischen Literatur" (Central Catalogue of Foreign Literature). Koeln 1951ff.

Compiled at the Central Catalogue Section of scientific libraries of Nordrhein-Westfalen. Appears monthly with an alphabetical annual register. The monthly editions indicate a rough subject arrangement, which in section 17-20, under other foreign literature, also lists Soviet literature of the named fields, but only that literature which is purchased by the 70 large scientific libraries of the German Federal Republic. Locations of the material are given by a shortened library code designation.

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2. "Das Neue Wissenschaftliche Buch" (The New Scientific Book).
Issue A: Natural Sciences - Engineering. Vol 1ff. Leipzig 1952ff.

New acquisitions of scientific libraries of East Germany, published by the German State Library of Berlin. Appears monthly with an annual author and subject register. The monthly editions, which cover literature in the fields of engineering, mathematics, natural sciences, agriculture and forestry, are arranged according to subject in 28 sections. Important titles are annotated. Besides the entire foreign literature, Soviet literature takes up an especially large area, since the German State Library receives a sample of Soviet Book and Periodical Production through exchange or as a present; the samples are given free to foreign countries by the Soviet Union. This central catalogue covers the acquisitions of 140 scientific, technical, industrial, and institute libraries. The place of origin of the listed publications are given through a shortened library code designation. The annuals 1952-1954 appeared under the title: New Acquisitions of the Public Scientific Library of Berlin and of those libraries participating in the central catalogue of foreign literature.

3. "Berliner Titeldrucke" (Berlin Title List) N.F. Berlin 1954ff.

Published by the German State Library of Berlin. Lists the editions of literature in Slavic languages with notation of authors. Appears fortnightly in booklet form and individually printed announcements. Only alphabetical arrangement of titles. For reference purposes, the cumulative alphabetical annual, which also has the code of all other reporting libraries, is important.

4. Slavica. New Acquisitions. 1950/1954ff. Muenchen 1953/56ff.

Published by Bavarian State Library Muenchen. Mainly lists geographical, cultural and scientific literature. Arranged by subject, with an alphabetical register.

5. Monthly List of Russian Accessions. Vol 1ff. Washington 1948/49ff.

Published by the Library of Congress. New acquisitions from the Soviet Union are arranged according to subject and the main fields, and can be found through an author register.

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4. Bibliographies and Catalogues of Periodicals

1. LETOPIS PERIODICHESKIKH IZDANII (Bibliography of Periodicals) 1 ff. Moskva 1933ff.

The periodicals and annuals are arranged alphabetically according to subject. Appears annually. No annual lists appeared for 1940-1945. A summary of more than one year appeared in 1956 for the years 1950-1954. A larger edition of Soviet periodicals for more than one year covers the years 1917 to 1949 and appears under the title:

2. PERIODICHESKAYA PECHAT' (Periodicals of the USSR). Moskva 1956/1957.

Arranged in 9 parts according to technical fields. Part b covers the mathematical and natural science periodicals; part w, the technical periodicals; part d, the agricultural; and part zh, the medical periodicals.

3. A review of new and renamed periodicals and of the periodicals which no longer appear, exists under the title: "LETOPIS PERIODICHESKIKH IZDANII. NOVYE, PERIMENOVANNYE I PREKRATIVSHINSYA ZHURNALY I GAZETY PO SOSTOYANIYU NA 1go APRELYA 1956 GODA", (Bibliography of Periodicals. New and renamed periodicals and newspapers which no longer appear as of 1 April 1956), Moskva 1956.

-18- 4. Besides this, the Ministry of Information of the USSR publishes a catalogue of periodicals:

KATALOG GAZET I ZHURNALOV NA 1955 GOD (Catalogue of newspapers and periodicals for 1955), Moskva 1954. Appears each year.

5. SMITS, Rudolf: Serial Publications of the Soviet Union 1939 to 1951. Washington 1951..

Lists Soviet periodicals of the Library of Congress. (Out-of-print).

6. Scientific and Technical Serial Publications. Soviet Union. 1945 to 1953. Washington 1954.

Published by the Library of Congress as a special supplement to "Monthly List of Russian Accessions".

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7. KRAUSE, Georg: "Sowjetische Zeitschriften in Wissenschaftlichen Bibliotheken" (Soviet periodicals in Scientific Libraries) of the German Federal Republic and of Berlin 1945-1955. Tuebingen 1955.

Published by the Council for Eastern European research. Systematical arrangement of periodicals with listing of the German Federal Republic libraries in which they are available, and the applicable authors. Titles were not translated. Listed in addition is a selection of 200 natural science, technical, medical periodicals.

8. "Nachweis sowjetischer Fachzeitschriften in Bibliotheken der DDR" (Survey of Soviet technical periodicals in East German libraries). In: Documentation I (1953/54) pp 49/52; 114/116; 128/130.

Surveyed are 108 Soviet scientific periodicals which are not in the post office newspaper list in East Germany, with information on library code designation and with some periodicals the library stock.

9. GAZETY I ZHURNALY SSSR (Newspapers and periodicals of the USSR), Moskva.

Appears annually and is published by "MEZHDUNARODNAYA KNIGA" (International Book Trade). Selection List. Appears also in German translation under the title: Newspapers and Periodicals of the USSR. Moskva. Separated in 11 subject sections and according to languages.

10. The same also appears annually in the German language at the Publishing House, German Book Export and Import, Leipzig, under the title: Price list of newspapers and periodicals appearing in the USSR. Leipzig 1953ff.

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11. A list of 1,208 Soviet newspapers and periodicals appeared in Muenchen under the title: UKAZATEL' SOVETSKOY PERIODICHESKOY PECHATI (List of Soviet Periodica). Muenchen 1954.

12. "Die Zentralstelle fuer Wissenschaftliche Literatur" (The Central Office for Scientific Literature), Berlin 8, published a selection of Soviet periodicals under the title: "Verzeichnis sowjetischer Zeitschriften" (List of Soviet Technical Periodicals), Berlin, Akademie-Verlag (Academy Publishing House), 1955.

But it covers only 336 titles which are alphabetically arranged.

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13. Post Office Newspaper List for the German Democratic Republic Including the Soviet Sector of Berlin. Berlin 1950ff.

Appears annually, Lists in section II the foreign newspapers and periodicals which are available. One can find here, for the purpose of ordering, all Soviet newspapers and periodicals admissible through the post office. In the list for 1956 there were 789 titles. (The post office newspaper list of the Federal Republic of Germany does not have Soviet periodical titles).

14. A Complete List of Russian-Soviet Periodicals is under preparation in the Osteuropa (Eastern European) Institute and the Free University Berlin with the assistance of the German Research Council, Bad Godesberg, so that besides periodicals of the applicable fields, numerous cultural and scientific periodicals will also be covered. It is based on the inventories of Complete Catalogue of Berlin, the State and University Library of Goettingen, the West German Library and the University Library in Marburg, the Senckenberg-Library in Frankfurt/Main and the Bavarian State Library in Munich; it will list exact inventory data and inventory notes, and will be published in 1958.

15. For England there already is a central catalogue for Russian periodicals and series publications with place of origin designation, so that here the Russian Periodicals with the inventory notes of libraries and institutes can be determined. This Russian Union Catalogue is located in the National Central Library, Malet Place, London W.C. 1.

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5. Bibliographies of Periodical Articles

1. LETOPIS ZHURNAL'NYKH STATEY (Bibliography of Periodical Articles). T. 1ff. Moskva 1926ff.

Articles are arranged by subject. Appears weekly with a cumulative quarterly author's register. Completed through the

2. LETOPIS GAZETNYKH STATEY (Bibliography of Newspaper Articles). Moskva 1936ff.

Appears weekly. Lists articles and documentation material from 80 leading newspapers.

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3. "Bibliographie der fremdsprachigen Zeitschriftenliteratur"
(Bibliography of foreign language periodical literature)..Osnabrueck
1911-1926. N.F. 1925/26ff.

Arranged according to code designation. Soviet periodical
articles are also considered. The area of the evaluated Soviet
periodicals is very small.

III. List of Translated and Non-Translated Periodicals

Arranged according to technical fields, with information on
abstracts, technical bibliographies and technical documentation,
which the Soviet literature includes, and the applicable technical
dictionaries.

The following review covers some 750 mathematical, natural science,
technical, medical, agricultural, and forestry periodicals and series
publications which are arranged according to technical fields¹).

From the mass of Soviet periodicals, which according to those
referred to in Soviet journals of abstracts amounts to about 1,000,
those particular ones were selected which through their topics or
through particular emphasis of certain topics are of interest for
German research and science, and above all, the ones which can be
received today. On the other hand, the many periodicals characteristic
of Soviet science, which place performance, practical methods, and me-
chanical and labor methods in the forefront, were not taken up in this
review.

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The titles of the periodicals are provided in library trans-
cription with German translation. Listings of the printer, publisher,
and publishing city, as well as the volume number and year are omitted.
Since the practical purposes of this survey are of foremost importance
the name of the library where the particular publication can be found
is stated.

1) Some 300 Soviet periodicals are maintained in Great Britain.
(According to the report of A.H. HOLLOWAY on the 7th meeting of the
AGARD, Brussels, from 27 to 31 August 1956).

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-21- The above additional data can then be obtained from this particular library. The place of origin of most periodicals will be marked by a library designation code. A review of library designation code with the applicable libraries can be found at the end. Of the periodicals listed without a place of origin, there was no inventory of libraries where they could be found at the time of the completion of the manuscript. This, however, does not indicate that these periodicals are not available in some German Federal Republic libraries.

The arrangement of the technical fields begins with the general periodicals (1), and continues with all fields which cover mathematics (2) and the fields of natural sciences (3) applied sciences, engineering (4), Medicine (5), Agriculture and Horticulture (6), forestry and timber industry, hunting and fishing (7). Natural sciences are arranged in 21 fields; engineering in 27 fields; medicine in 19 fields; agriculture and horticulture in 9 fields; forestry and timber industry in 2 fields; hunting and fishing in 2 fields. The arrangement within a field is done regularly in 3 sections: In section I it lists those periodicals and columns which are translated into German, English or French. Summarized reports concerning a particular topic are also listed here. In section II, the remaining important Soviet technical periodicals are listed in alphabetical order. Those periodicals marked with an asterisk with their table of contents translated into English are continuously listed in "Translated Contents Lists of Russian Periodicals". The translations of the articles from these periodicals can be ordered from the Department of Scientific and Industrial Research, T.I.D.U., Cunard Building, 15 Regent Street, London S.W. 1.

Section III contains a) the accompanying Soviet referenced works and the referenced works and periodicals written in German, English or French, which Soviet literature discusses or names bibliographically, b) Soviet technical bibliographies and technical bibliographies written in other languages, which Soviet literature takes into consideration. This, of course, does not apply to all referenced works and bibliographies, since many internationally significant referenced works are not referenced by Soviet literature.

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-22- c) documentation offices and documentation services, d) technical dictionaries, especially bibliographies which list Soviet technical dictionaries.

But finally, the individual interested in Soviet literature is helped only when he knows in which German libraries this literature is available. For this purpose the places of origin of most periodicals have been added in the form of codes. A code list, which gives a solution to this code, can be seen at the end. However, an insufficient amount of these periodicals is available. Only the most important can be obtained. Therefore, a copy of each important periodical is provided for a German Federal Republic library through the German Research Council, Bad Godesberg. The arrangement is governed according to a plan of the "Special Collection Fields", according to which the scientific libraries have to take care of one or more technical field each, and therefore are supported from the resources of the German Research Council.

Responsible for:

mathematics and natural sciences is the SuUB Goettingen,
biology, botany and zoology is the Senckenberg Library in Frankfurt/Main,

medicine is the Medical Section of UB Koeln,
agriculture is the Agricultural Section of the UB Bonn,
horticulture is the Horticulture Section of the THB Hannover,
forestry science is the Forestry Science Section of the SuUB Goettingen.

The technical foreign literature which also includes Soviet literature is arranged in the following manner at the TH (technical college) libraries:

General engineering, patents, technical fairs.....THB
(technical college library) Hannover,

Materials study.....THB, Stuttgart

Mining.....Library of the Mining Academy, Clausthal

Metallurgy and metal study.....THB, Aachen and THB, Stuttgart,

Machine construction.....LuHB (Land and Technical College Library), Darmstadt,

Refrigeration.....THB, Karlsruhe,

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Thermal energy and thermal engineering..... THB, Braunschweig,
 Electro-engineering.....THB, Muenchen and LuHB, Darmstadt,
 Nuclear technology.....THB, Muenchen,
 Illumination engineering.....THB, Karlsruhe,
 Optics, photography, film.....THB, Stuttgart,
 General traffic engineering and
 Road vehicle construction.....THB, Stuttgart,
 Railroad rolling stock construction.....THB, Hannover,
 Ship construction.....SuUB (city and university library), Hamburg,
 Aeronautical engineering.....THB, Aachen,
 Construction engineering.....THB, Hannover and LuHB, Darmstadt
 Chemical engineering.....LuHB, Darmstadt,
 Methods engineering, chemical apparatus construction.....THB,
 Karlsruhe,
 Plastics chemistry.....THB, Stuttgart,
 Fuel chemistry.....THB, Karlsruhe,
 Light industry (fiber, timber and paper industry)....THB, Aachen,
 Fermentation industry.....THB, Muenchen.

This "Special Collection Fields" plan is obligatory for these libraries. However, it does not indicate that other libraries, especially institutes, technical and industrial libraries do not cover these fields and continuously acquire Soviet natural sciences and technical literature. It is even self evident that all university and institute libraries to a certain degree obtain scientific literature from the Soviet Union and place it at the disposal of the user.

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1. General Periodicals in the Fields of Mathematics,
Natural Sciences, Engineering, Medicine, Agriculture
and Forestry

The periodicals falling under this group, which cover all fields to various degrees and contain articles on various subjects in one edition are those which originate from the Academy of Sciences of the USSR and its branches in the individual Soviet Republics, as well as university publications.

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I. Translated Periodicals

* DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of USSR).

1a, 5, 7, 12, 16, 18, 21, 38, 82, 83, 89, 93, 250. BGK. B23. B 843 M. BS 68. Du 6. FHI. F₁. He 49. Le 1. SV. Wi6.

Translated under the title: Proceedings of the Academy of Sciences of the USSR. The periodical translated into English is divided into 11 different sections according to technical field. Compare the translated periodicals in the individual technical fields!

* IZVESTIYA AKADEMII NAUK SSSR (News of the Academy of Sciences of the USSR).

This periodical is already separated in sections and series according to technical fields. The individual technical periodical is found under the technical field.

Translated under the title: Bulletin of the Academy of Sciences of the USSR. The translation follows the same arrangement as the Soviet periodical in different divisions and series. Compare the translated periodical in the individual technical fields!

* VESTNIK AKADEMII NAUK SSSR (Herald of the Academy of Sciences of the USSR).

1a. 6. 7. 12. 16. 18. B 843 M. F₁. Le 1. SV.

Translated by the Consultants Bureau, New York, under the title: Journal of the Academy of Science of the USSR. Announced for 1957ff.

Concerning the training and number of scientists and engineers in the Soviet Union is reported upon in a book by COLLINGWOOD, G. Harris: "Engineering and scientific manpower in the United States, Western Europe and Soviet Russia". Washington: U.S.Gov.Print. Office 1956. (Joint Committee Report) and in "Yeast for our bread" in Michigan State's University Magazine, November 1956.

-25- DEWITT, Nicholas: Soviet professional manpower. Its education, training and supply. Washington: National Science Foundation 1955.

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II. Not Translated Periodicals

DOKLADY AKADEMII NAUK ARMYANSKOY SSR (Reports of the
Academy of Sciences of Armenian SSR) 10.7.

DOKLADY AKADEMII NAUK AZERBAYDZHANSKOY SSR (Reports of
the Academy of Sciences of Azerbaijan SSR)

DOKLADY (DOPOVIDI) AKADEMII NAUK UKRAINSKOY SSR (Reports
of the Academy of Sciences of Ukrainian SSR) 7.12.

DOKLADY AKADEMII NAUK UZBEKSKOY SSR (Reports of the
Academy of Sciences of Uzbek SSR)

*IZBRANNIYE TRUDY, AKADEMIYA NAUK UKRAINSKOY SSR (Selected
Translations of the Academy of Sciences of Ukrainian SSR)

IZVESTIYA AKADEMII NAUK BELORUSSKOY SSR (News of the
Academy of Sciences of the Belorussian SSR)

IZVESTIYA AKADEMII NAUK UZBEKSKOY SSR (News of the
Academy of Sciences of the Uzbek SSR)

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR (News of the
Academy of Sciences of the Kazakh SSR)

IZVESTIYA TURKMENSKOGO FILIALA AKADEMII NAUK SSSR (News
of the Turkmen Branch of the Academy of Sciences of the USSR)

NAUCHNOYE NASLEDSTVO (Scientific Heritage) 12.18.

NAUCHNYY BYULLETEN Leningradskogo Gosudarstvennogo
UNIVERSITETA (Scientific Bulletin of the Leningrad State
University) 1a.7.

*NAUKA I ZHIZN (Science and Life)

SOOBSHCHENIYA AKADEMII NAUK GRUZINSKOY SSR (Reports of
the Academy of Sciences of Georgian SSR) 7.

TEKHNICHESKAYA INFORMATSIYA PO, RESULTATAM NAUCHNO-
ISSLEDOVATEL'SKIKH RABOT (Technical Information Concerning the
Results of Scientific Research Works) H 105.

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TRUDY AKADEMII NAUK LITOVSKOY SSR (Translations of the Academy of Sciences of the Lithuanian SSR) H. 105.

TRUDY DAL'NEVOSTOCHNOGO FILIALA AKADEMII NAUK SSR (Translations of the Far Eastern Branch of the Academy of Sciences of the USSR)

TRUDY INSTITUTA ISTORII YESTESTVOZNANIYA I TEKHNIKI AKADEMII NAUK SSSR (Translations of the Institute of History of Natural Sciences and Engineering of the Academy of Sciences of the USSR) 1a. 7. 12. 18. F₁.

TRUDY MONGOL'SKOY KOMISSII AKADEMII NAUK SSSR (Translations of the Mongolian Commission of the Academy of Sciences of the USSR) 1a. 7. F₁.

TRUDY VOSTOCHNO-SIBIRSKOGO FILIALA AKADEMII NAUK SSSR (Translations of the East Siberian Branch of the Academy of Sciences of the USSR) 7.

UCHENYYE ZAPISKI GOR'KOVSKOGO GOSUDARSTVENNOGO UNIVERSITETA (Scientific Papers of the Gorki State University) 7.

UCHENYYE ZAPISKI GOSUDARSTVENNOGO SARATOVSKOGO IMENI N.G. TSENSHEVSKOGO UNIVERSITETA (Scientific Notes of the State University imeni Tsenshevski in Saratov)

UCHENYYE ZAPISKI MOSKOVSKIY ORDENA LENINA GOSUDARSTVENNIY UNIVERSITET IMENI M.V. LOMONOSOVA (Scientific Notes of the Moskva State University imeni M.V. Lomonosov) 7.

VESTNIK AKADEMII NAUK KAZAKHSKOY SSR (Herald of the Academy of Sciences of Kazakh SSR) 1a. 7. 12.

VESTNIK AKADEMII NAUK LITOVSKOY SSR (Herald of the Academy of Sciences of Lithuanian SSR)

VESTNIK LENINGRADSKOGO UNIVERSITETA (Herald of the Leningrad University) 1a. 5. 7. 12. 29.



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VESTNIK MOSKOVSKOGO UNIVERSITETA:

1. SERIYA MATEMATIKI, MEKHANIKI, FIZIKI I CHIMII
(Herald of the Moskva University. Series for mathematics, mechanics,
physics and chemistry). 12.19.

2. SERIYA BIOLOGII, POCHVOVEDENIYA, GEOLOGII I GEOGRAFI
(Series for biology, soil study and geography) 12.19.

VESTNIK AKADEMII NAUK UKRAINSKOY RSR (Herald of the
Academy of Sciences of the Ukrainian SSR) 7.12.F₁.

IIIa. Abstracts:

Of extraordinary importance is the fact that the Academy of
Sciences of the USSR promised to include as of January, 1956 resumés
in Western languages in 20 of its 52 periodicals.

Bulletin signaletique. Paris (Earlier under the title: Bulletin
analytique).

Published by Centre de Documentation du Centre National de la
Recherche Scientifique (Documentation Center of the National Center
of Scientific Research). Lists literature in the fields of mathe-
matics, natural sciences, biology, pharmacy, and agriculture with
sparse annotations.

la. 4. 5. 7. 8. 16. 17. 24. 25. 29. 38. 28M. 77. 82. 83. 89. 91.
93. 104. 188. BI. F₁. Wi6.

U.S. Government Research Reports. Washington 13. 1950ff.

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IIIb. Bibliographies

Bibliography of German Translations from the Language of the
People of the Soviet Union. Section I: Scientific literature. Berlin:
Publisher: Verlag Kultur und Fortschritt (Culture and Progress) 1952ff.

Bibliography of Foreign-Language periodical literature. Osnabrueck:
Dietrich.

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-27- Bibliography of translation from Russian scientific and technical literature. List No. 1-39. Washington: Library of Congress 1953/56.

Boletin del Centre de documentacion cientifica y tecnica de Mexico (Separated in sections as of Volume 5, 1956).

Table of Contents of Soviet technical periodicals. R 3: Natural sciences, mathematics, Berlin: Central Office for Scientific Literature 1952ff.

List of unpublished translations from all languages. Natural sciences, medicine, agriculture and forestry. List 1ff. Berlin 1954ff.

List of unpublished translations in the fields of mathematics, natural sciences, medicine, agriculture and forestry, published by Central Office for Scientific Literature, Berlin W 8. The titles are arranged by subject in large fields. The 3rd list appeared in December 1955.

Scientific and technical Serial Publications, Soviet Union 1945-53. Prepared under the sponsorship of the National Science Foundation. Washington: Library of Congress 1954.

Personal Bibliographies:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR (Materials for bibliographies of scholars of the USSR). appears in series for the individual fields of natural sciences, engineering, medicine, agriculture, and forestry. Each scientist is presented through a biography and a bibliography of his works.

Bibliographies of Bibliographies:

Bibliographical Publications issued in 1954-1955, Union of Soviet Socialist Republics.

In: Unesco Bulletin for Libraries II (1957) pp 144/146.

A bibliography of Soviet technical bibliographies.

DOROSH, John T.: Guide to Soviet bibliographies. A selected list of references. Washington 1950.

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General, primary, and technical bibliographies of all fields, written in Russian, pertaining to the Soviet Union and appearing since 1917, are listed here. Compiled by the Library of Congress. Author and subject register.

-28- IIIc. Documentation:

Centre de Documentation du Centre National de la Recherche Scientifique, Paris (Documentation Center of the National Center of Scientific Research), Paris.

Centro de Informacion y Documentacion del Patronato "Juan de la Cierva" (Information and Documentation Center of the Foundation "Juan de la Cierva"), Madrid, Serrano 150.

Council on Translation, Diet-Library, Tokyo.

Council of Documentation, Diet-Library, Tokyo.

Defence Research Board, Ottawa, Canada.

Department of Scientific and Industrial Research, London.

Indian National Scientific Documentation Center, New Delhi. Institute publishes a list.

INSTITUT NAUCHNOY INFORMATSII AKADEMII NAUK SSSR (Institute for scientific information of the Academy of Sciences of the USSR). Moskva.

John Crerar Library, Chicago.

Library of Congress, Washington, D.C.

National Research Library, Ottawa, Canada.

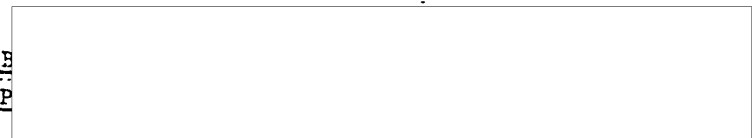
National Science Foundation, Washington 25, D.C.

Pergamon Institute, London W. 1, 4-5 Fitzroy Square. Has large translation program. President is Robert ROBINSON, who is assisted by an Honorary Advisory Council consisting of 114 important scientists.

Pergamon Press, Inc., 122 East 55 Street, New York 22, N.Y. Publishes translations.

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Special Libraries Association Translation Pool, Chicago.

Springer-Publisher, Editorial Office of Main Newspapers, Heidelberg.

Central Office for Scientific Literature. Berlin NW 7, Unter den Linden 8. (Compare the section "General natural sciences - technical documentations", page 11f).

IIIId. Dictionaries, Particularly Bibliography of Dictionaries:

Bibliography of interlingual scientific and technical dictionaries. 3rd ed. enlarged. Paris 1953. 5. impr. 1954.

Published by Unesco. Author: John Edwin HOLMSTROM.

6. 82. 83. 89. 90. 93. Bs 68.

CARPENTER, Gladys R.: Foreign Language - English Dictionaries. Vol. I: Special subject dictionaries with emphasis on science and technology. Washington 1955.

Technical dictionaries. Natural sciences, agriculture, forestry, engineering, medicine. Berlin 1954. (Bibliographical bulletin. 4.)

Published by the German State Library of Berlin. 5. 12. 25.

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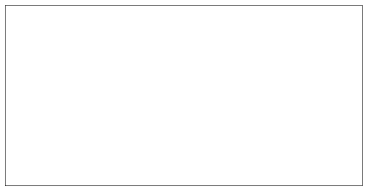
HORN, Alexander: Dictionaries, Catalogue No. 5/6. Wiesbaden 1954/56. Lists general dictionaries, technical dictionaries, encyclopedias, handbooks, and other reference works. 16. 77. 91. BI.

2. Mathematics

I. Translated Periodicals

TEORIYA VEROYATNOSTEY I YEYE PRIMENENIYE (Theory of Probabilities and its applications)

Translated under the title: Theory of probabilities and its applications. Announced for 1957/58.



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a) Individual works translated in series:

College mathematics books, Berlin: German Scientific Publishing House.

Study books for individual special fields of mathematics. Until 1955, 14 study books had appeared.

4.6.7.18.21.24.38.82.83.89.90.93.

Small supplement issue to the college mathematics books, Berlin: German Scientific Publishing House.

Until 1955, 8 volumes had appeared. 12.24.83.89.93.

b) Translated periodical articles:

American Mathematical Society Translations. Vol. 1ff. Providence 1956ff.

Also announced under the title: Russian Translation Project.

Volume 1-3 appeared in 1956 with translated works of Soviet mathematicians, which were taken from different Soviet mathematical periodicals. Published with the support from the National Science Foundation of the American Mathematical Society, 190 Hope Street, Providence 6, Rhode Island. Volume 4-6 will appear in 1957.

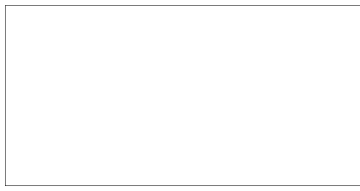
16. 83. 188.

II. Non-Translated Periodicals:

"EESTI NSV TEADUSTE AKADEEMIA TOIMETISED. IZVESTIYA AKADEMII NAUK ESTONSKOY SSR. TECHNILISTE JA FÜÜSIKALI-MATEMAATILISTE TEADUSTE SERIJA. SERIYA TEKHNIЧЕСКИХ I ФИЗИКО-МАТЕМАТИЧЕСКИХ НАУК" (News of the Academy of Sciences of the Estonian SSR. Series of technical and physico-mathematical sciences).

ISTORIKO MATEMATICHESKIYE ISSLEDOVANIYA (Historico-Mathematical research)

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA ASTRONOMII, FIZIKI, MATEMATIKI I MEKHANIKI (News of the Academy of Sciences of Kazakh SSR. Series of astronomy, physics, mathematics and mechanics).



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IZVESTIYA AKADEMII NAUK SSSR. SERIYA MATEMATICHESKAYA
(News of the Academy of Sciences of USSR. Mathematical series) 18.

-30- IZVESTIYA AKADEMII NAUK UZBEKSKOY SSR. SERIYA FIZIKO-
MATEMATICHESKIKH NAUK (News of the Academy of Sciences of the
Uzbek SSR. Series of physico-mathematical sciences).

IZVESTIYA NAUCHNOGO INSTITUTA IMENI P.F. LESGAFTA (News
of the scientific Institute imeni P.F. LESGAF).

MATEMATICHESKIYE TABLITSY (Mathematical tables)

*MATEMATICHESKIY SBORNIK (Mathematical collection)

la. 7. 16. 21.

*TRUDY INSTITUTA FIZIKI I MATEMATIKI (Translations of the
institute of physics and mathematics)

*TRUDY MATIMATICHESKOGO INSTITUTA IM. V.A. STEKLOVA AKADEMII
NAUK SSSR (Translations of the mathematical institute imeni V.A. STEKLOV
of the academy of Sciences of the USSR).

la. 7. 84. 91.

TRUDY MOSKOVSKOGO MATIMATICHESKOGO OBSHCHESTVA (Translations
of the MOSKVA mathematical society).

7.

TRUDY SEKTORA MATEMATIKI I MEKHANIKI (Translations of the
mathematics and mechanics section).

TRUDY SREDNEAZIATSKOGO GOSUDARSTVENNOGO UNIVERSITETA MATE-
MATICHESKIKH NAUK (Translations of the Central Asiatic state university
of mathematical sciences).

TRUDY SEMINARA PO VEKTORNOMU I TENZORNOMU ANALIZU IKH
PRILOZHENIYAMI K GEOMETRIYE, MEKHANIKE I FIZIKE (Translations of the
seminar for vector and tensor analysis and their application to geometry,
mechanics and physics).

la. 7.

TRUDY TBILISSKOGO MATEMATICHESKOGO INSTITUTA (Translations
of the TBILISI institute of mathematics).

7.

TRUDY VOSTOCHNO-SIBIRSKOGO FILIALA AKADEMII NAUK SSSR (Trans-
lations of the Eastern Siberian branch of the Academy of Sciences of

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UCHENIYE ZAPISKI LENINGRADSKOGO UNIVERSITETA. SERIYA
MATEMATICHESKIKH NAUK (Scientific notes of the LENINGRAD University.
Series of the mathematical sciences).

UCHENIYE ZAPISKI PO STATISTIKE (Scientific notes on
statistics).

UKRAINSKIY MATEMATICHESKIY ZHURNAL NA RUSSKOM YAZYKE
(Ukrainian mathematical journal in Russian) la. 7.

*USPEKHI MATEMATICHESKIKH NAUK (Success of mathematical
sciences) la. 7. 12. 16. 83. 91.

VESTNIK LENINGRADSKOGO UNIVERSITETA. SERIYA MATEMATIKI,
MEKHANIKI I ASTRONOMII (Herald of the LENINGRAD University. Series
of mathematics, mechanics and astronomy). la. 5. 12. 29. F₁.

-31- VESTNIK STATISTIKI (Statistical Herald) 38. 282.

VYCHISLITEL'NAYA MATEMATIKA I VYCHISLITEL'NAYA TEKHNIKA
(Calculating mathematics and calculating technique).

IIIa. Lectures on:

REFERATIVNYY ZHURNAL, MATEMATIKA. (Journal of Abstracts.
Mathematics).

Published by the institute of scientific information.
International abstracts and Soviet mathematical literature. 7.

MATEMATIKA V SSSR ZA TRIDTSAT' LET. 1917-1947 gg
(Mathematics in the USSR in the past 30 years from 1917 to 1947).
MOSKVA 1948.

A historical compilation of the results.

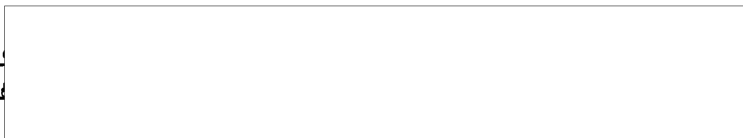
ACTA MATHEMATICA ACADEMIAE SCIENTIARUM HUNGARICAE.
BUDAPEST. la. 5. 7. 12. 16. 82. 83. 95.F₁.
MPIPC.

MATHEMATICA SCANDINAVICA.

The yearly literary review "Book received" includes also
Soviet literature listing often detailed tables of contents.

Mathematical Reviews. LANCASTER, Pa. He 49.
Soviet literature is listed with tables of contents.

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Mathematical tables and other aids to computation.
WASHINGTON.

A periodical for mathematical logic and fundamentals of
mathematics. BERLIN. 5. 7. 12. 82.89.91. 93.

Central journal of mathematics and its related fields.
Vol. 1ff, BERLIN, GOETTINGEN, HEIDELBERG: SPRINGER 1931ff.

1a. 4.5.6.7.8.12.16.17.18.19.21.24.25.38.77.82.83.89.
90.93.188.250. BGK. FHI. He 49. IFU.

Bibliography:

ALEKSEYEVA, V.P.: MATEMATIKA I MECHANIKA V IZDANIYAKH
AKADEMII NAUK SSSR (Mathematics and mechanics in the publications
of the Academy of Sciences of the USSR).
2: 1936-1947 & MOSKVA 1955. 7.

GERASIMOVA, V.M.: UKAZATEL' LITERATURY PO GEOMETRII
LOBACHEVSKOGO I RAZVITIYU EYE IDEY (Literature index on LOBA-
CHEVSKIY's geometry and the development of its ideas), MOSKVA 1952.

Tables of contents of Soviet technical periodicals.
R. 3: Natural sciences. Mathematics. BERLIN: Central agency
for scientific literature 1952ff.

SCHUETTE, Karl: Index charts and tables.
Index of mathematical tables. MUENCHEN: OLDENBOURG 1955.

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SOVETSKAYA MATEMATICKA, ASTRONOMICKA, FYSIKALNA A CHEMICKA
LITERATURA Z LET 1950-1953 V STATNICH STUDIJNIKACH KNIHOVNACH (Soviet
mathematical, astronomical and chemical literature from the years
1950-1953 at the state study libraries). PRAHA 1956.

A central catalogue of 16 CZECHOSLOVAK university libraries.
Comprises 753 titles, arranged in 50 groups. The collection refers to
works containing purely theoretical content. Registry of authors is
furnished.

Biographical Bibliography:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. SERIYA MATEMATIKII
(Material to the biobibliography of USSR scientists. Mathematical
series). The series contains biobibliographies with appended subjective
and objective personal bibliographies of Russian and Soviet mathematicians.

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IIIc. Documentation:

American Mathematical Society.

Handles the translation of Soviet mathematical periodicals.

2a. Applied Mathematics and Mechanics

See Engineering Section, B III 4 c, p 76ff.

3. Natural Sciences

A. General

I. Translated Periodicals

Summarized review:

BUCHHOLZ, Arnold: Ideology and research in Soviet natural science. Published by the German Society for East-European science. STÜTTGART: German Publishing House 1953 (Series of East Europe Works. I.). A review is furnished on the natural sciences. Selected important literature for every field in natural sciences.

Eastern European Natural Science. Supplements to the periodical "OSTEUROPA". Will be published 1957ff.

The editorial staff of the periodical is headed by Arnold BUCHHOLZ. Is published semi-annually. Comprises principal works on the most important problems and results of the Soviet natural sciences; a survey, which provides a review on physics, mathematics, astronomy, chemistry, geography, geology, biology, medical science and engineering. Biographical sketches of outstanding Soviet scientists, book reviews and bibliography are provided.

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Soviet Sciences. Natural sciences section. Vol 1ff.
Berlin: Culture and progress 1948ff.

1a.4.5.6.7.8.12.16.18.21.25.38.77.83.84.89.93.250. BKG. B23.
B843M. F₁. Hn₁. IFU.

Deals with the entire natural sciences. Furnishes original works translated into German.

II. Non-Translated Periodicals:

*BYULLETEN' MOSKOVSKOGO OBSHCHESTVA ISPYTATELEY PRIRODY
(Bulletin of the Moskva Society of Naturalists).

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IZVESTIYA AKADEMII NAUK ARMYANSKOY SSR. SERIYA FIZIKO-MATEMATICHESKAYA, YESTESTVENNAYA I TEKHNICHESKAYA (News of the Academy of Sciences of the Armenian SSR. Physico-mathematical, natural, scientific and technical series).

IZVESTIYA YESTESTVENNO-ISTORICHESKOGO MUZEYA (News of the natural, scientific and historical museum).

IZVESTIYA YESTESTVENNO-NAUCHNOGO INSTITUTA PRI MOLOTOVSKOM GOSUDARSTVENNOM UNIVERSITETE (News of the natural scientific institute of the Molotov State University).

IZVESTIYA KAZANSKOGO FILIALA AKADEMII NAUK SSSR. SERIYA FIZIKO-MATEMATICHESKIKH I TEKHNICHESKIKH NAUK (News of the Kazan branch of the Academy of Sciences of the USSR. Physico-mathematical and technical science series).

*PRIRODA (Nature) 1a.7.12.16.B843M.F₁. H 105. He 49.

TRUDY ARALO-KASPISKOY KOMPLEKSNOY EKSPEDITSII (Translations of the Aral and Caspian Seas expedition). 7.

TRUDY YESTESTVENNO-ISTORICHESKOGO MUZEYA IMENI G. ZARDABI (Translations of the natural scientific-historical Museum imeni G.SARDABI).
Published by the Academy of Sciences of the Azerbaijan SSR. F₁.

TRUDY INSTITUTA ISTORII YESTESTVOZNANIYA I TEKHNIKI AKADEMII NAUK SSSR (Translations of the institute for history of natural sciences and engineering of the Academy of Sciences of the USSR).
1a.7.12.18.F₁.

TRUDY LENINGRADSKOGO OBSHCHESTVA YESTESTVOIPIYATILEY (Translations of the LENINGRAD Society of Naturalists). 22.

TRUDY MONGOL'SKOY KOMISSII (Translations of the Mongolian Commission). F₁.

TRUDY MOSKOVSKOGO UNIVERSITETA. SERIYA FIZIKO-MATEMATICHESKIKH IS YESTESTVENNYKH NAUK (Translations of the MOSKVA University. Series of physico-mathematical and natural sciences).

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TRUDY TUVINSKOY KOMPLEKSNOY EKSPEDITSII (Studies of the
Tuva complex expedition). 7.

VESTNIK MOSKOVSKOGO UNIVERSITETA. 1. SERIYA MATEMATIKI,
MEKHANIKI, FIZIKI I KHIMII. 2. SERIYA BIOLOGII, POCHVODENIYA,
GEOLOGII I GEOGRAFI (Herald of the Moskva University. 1. Series
of mathematics, mechanics, physics and chemistry. 2. Series for
biology, soil study, geology and geography).

1a.7. B 843 M.

VOPROSY ISTORII YESTESTVOZNANIYA TEKHNIKI (Problems of
history of the natural sciences and engineering). 12.

IIIa. References in:

Discovery. Norwich. 6.18.82.83.84.89.250.

Microscopy. Vienna and Munich.

1a.5.6.7.8.16.18.19.38.77.84.90.91.93. BASF. BGK. BI. Bs 68. F₁. IFB.

Nature. London.

1a.4.5.6.7.8.12.16.17.18.21.24.29.38.77.82.83.84.89.90.91.93.95.188.
250. BASF. BGK. BI. B23. B43. Bs68. E₁. FHI. FI. MPIB. MPIK. MPIMF.
MPIPC. MPIV. Wi6.

East Europe - Natural Science. Supplement to periodical "Ost-
europa" (East Europe). 1957ff. Published by the German Society for
East European studies. Stuttgart.

Science - Washington.

1a.4.5.6.7.8.12.18.19.24.25.29.38.77.82.83.84.89.90.93.188.250.
BASF. BGK. BI. B23. Bs68. F₁. FH. FHI. IFU. MPIB. MPIMF. MPIV.

IIIb. Bibliographies:

ISTORIYA YESTESTVOZNANIYA. LITERATURA PUBLIKOVANNAYA V
SSSR (1948-50). (History of natural sciences. Literature which was
published in the USSR in 1948-50). Moskva 1955. B843M.

Poggendorff's biographical-literary pocket dictionary for
mathematics, astronomy, physics, chemistry and similar scientific
fields.

Bd. 1ff. Leipzig/Berlin 1863ff.

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International alphabetical list of scientists with biographical information and the bibliography of their published works. Arranged according to time periods. Bd. 7 appears since 1955.

1a.4.5.8.16.17.18.21.24.25.38.77.82.83.84.89.90.91.93.
104.250. BASF. BGK. B23. FH. FHI. F₁. ZSH.

IIIc. Documentation:

~~Centre National de la Recherche Scientifique. Paris.~~
(National Center for Scientific Research. Paris).

Consultants Bureau, 227 West 17th Street, New York 11, N.Y.
Translation of many periodicals.

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German Society for Eastern European Studies, Stuttgart,
Leonhardtsplatz 28.

Center for theoretical science and geographical orientation. Since 1957, supplements to the periodical "Osteuropa" (East Europe) appear semi-annually under the title: "Osteuropa - Naturwissenschaft" (Eastern Europe - Natural Science) which in the form of articles and reviews handle the individual natural sciences in the Soviet Union.

National Science Foundation. Washington 25, D.C.

Eastern European Institute of the Free University Berlin,
Berlin-Dahlem.

Center for linguistic, sociological, industrial, geographical and medical information concerning the Soviet Union. Publishes reports which present summaries concerning the position of the individual fields.

Springer - Publisher, Heidelberg.

Center for scientific literature. Berlin W 8. Unter den Linden 8. See Section B1c, page 11f.

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B. AstronomyI. Translated Periodicals:

*ASTRONOMICHESKIY ZHURNAL (Astronomical journal)

1a.7.12.21.He 49.

Translated by the Consultants Bureau, New York, under the title: Astronomical Journal. Announced for 1957ff.

In addition, the Soviet periodical since 1956 includes resumés in Western languages.

Translated articles in:

Essays on Soviet Astronomy. Berlin 1951. (Supplement 27 to the periodical "Soviet Science").

II. Non-Translated Periodicals:

ASTRONOMICHESKIY YEZHEGODNIK (Astronomical Annual) 7.

BYULLETEN' INSTITUTA TEORETICHESKOY ASTRONOMII (Bulletin of the Institute for theoretical astronomy) 7. He 49.
Since 1956, resumés are provided in Western languages.

BYULLETEN' VSESOYUZNOGO ASTRONOMO-GEODEZICHESKOGO INSTITUTA (Bulletin of the All-Union astronomico-geodesical institute).

BYULLETEN' VSESOYUZNOGO ASTRONOMO-GEODEZICHESKOGO OBSHCHESTVA (Bulletin of the All-Union astronomico-geodesical society). 1a.7.

ISTORIKO-ASTRONOMICHESKIYE ISSLEDOVANIYA (Historico-astronomical research) He 49.

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IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA ASTRONOMII, FIZIKI, MATEMATIKI I MEKhanIKI (News of the Academy of Sciences of the Kazak SSR. Series of astronomy, physics, mathematics and mechanics)

IZVESTIYA ASTROFIZICHESKOGO INSTITUTA AKADEMII NAUK KAZAKHSKOY SSR (News of the Astro-physical Institute of the Academy of Sciences of the Kazakh SSR) He 49.

IZVESTIYA GLAVNOY ASTRONOMICHESKOY OBSERVATORII V PULKOVE (News of the main astronomical observatory in Pulkovo) 7. He 49.

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IZVESTIYA KRYMSKOY ASTROFIZICHESKOY OBSERVATORII AKADEMII
NAUK SSSR (News of the Crimean astro-physical observatory of the
Academy of Sciences of the USSR) He 49.

METEORITIKA (Meteoritics) 1a.7.He 49.

PEREMENNYE ZVEZDY. BYULLETen' (Changing Stars. Bulletin)
Since 1956 provides resumés in Western languages. He 49.

TRUDY INSTITUTA TEORETICHESKOY ASTRONOMII AKADEMII NAUK SSSR
(Translations of the institute of theoretical astronomy of the Academy
of Sciences of the USSR) 7.He 49.

TRUDY INSTITUTA FIZIKI I ASTRONOMII (Translations of the In-
stitute of physics and astronomy) F₁.He 49.

TRUDY SEKTORA ASTROBOTANIKI (Translations in the sector of
astro-botany) He 49.

TRUDY SOVESHCHANIY PO VOPROSAM KOSMOGONI (Translations of the
Conference on the problems of cosmogony) 1a.7.

USPEKHI ASTRONOMICHESKIKH NAUK (Results of the astronomical
sciences) 1a.7.12.He 49.

VESTNIK Leningradskogo Universiteta. SERIYA MATEMATIKI,
MEKHANIKI I ASTRONOMII (Herald of the Leningrad University. Series
for mathematics, mechanics and astronomy) 1a.5.12.29.F₁.

VOPROSY KOSMOGONII (Problems of cosmogony) 7.12.He 49.

IIIa. References in:

REFERATIVNYY ZHURNAL. ASTRONOMIYA I GEODEZIYA (Journal of
Abstracts. Astronomy and geodesy) He 49.

Astronomical News Letter He 49.

Astronomical Annual Reports. Published by the Astronomical
Calculating Institute, Heidelberg

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The preceding index of periodicals, arranged according to localities, lists the most important Soviet observation stations and observatories with their publications.

7.12.16.18.24.25.38.77.82.83.89.93. BGK. Bs68. F₁. He 49. MPIPC.

Meteoritics. Journal of the Meteoritical Society and Institute of Meteoritics of the Albuquerque.

IIIb. Bibliography:

KOSLLE, H.H. and H.J. KAEPLER: Index of Astronautic Literature.

Published in cooperation with the Society for Astronautical Research, Stuttgart. Tittmoning: Pustet 1954.

C. Physics

I. Translated Periodicals:

Essays on Soviet Physics. Leipzig 1951ff. (Supplements to the periodical "Soviet Science). As of Vol. 5 (1956) under the title: Physical papers from the Soviet Union. Published by the physical society in the German Democratic Republic. Translation from different Soviet physics periodicals without information on the original. Each volume is devoted to a certain theme.

1a.5.7.12.16.17.18.21.24.38.77.82.83.84.89.93.250.
Bs68. FHI. MPIMF. MPIPC.

*AKUSTICHESKIY ZHURNAL (Acoustics journal) 1a.7. B 843 K.

Translated by the American Institute of Physics, 335 East 45 Street, New York 17, N.Y., under the title: Soviet Physics-Acoustics. 1956ff. Bs68. ZSH.

*ATOMNAYA ENERGIYA (Atomic Energy) 83.91. B843M. F24. SV.

Translated by the Associated Technical Services, East Orange/N.J. under the title: The Soviet Journal of Atomic Energy. 1956ff.
12 booklets annually. Appears also in 5 individual sections:
1. Atomic Physics, 2. Atomic Power, 3. Atomic Raw Materials, 4. Application of Radioactive Isotopes, 5. Atomic Safety Measures

82.84.91. BI. MPIPC.

At the same time one can see here a duplication in translation, for the English publisher Pergamon Press (New York and London) translates since August 1956 the same Soviet periodical, which is translated under the title of Atomic Energy as a supplement to the periodical "Journal of Nuclear Energy", 1a.7.12.82.83.84.89.90.91.93.250.
BASf. BGK. BI. Bs68. FH FHT MPIPC 446

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DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of the USSR)

1a.5.7.12.16.18.21.38.82.83.89.93.250.

BGK. B23. B843M. Bs68. Du6. F₁. FHI. LeI. SV. Wi6.

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The physical articles are collected and translated by the American Institute of Physics, New York, under the title: Soviet Physics-Doklady. Also announced under the title: Proceedings of the Academy of Science of the USSR. Physics Section. 1956ff.

Appears 6 times a year.

Bs68.

The articles from the fields of applied physics in the Doklady Akademii nauk SSSR (Reports of the Academy of Sciences in the USSR) are translated and appear annually in 6 booklets under the title: Proceeding of the Academy of Sciences of the USSR. Applied physical sciences. 1957ff.

The international journal of applied radiation and isotopes. Vol 1ff, New York, London 1956ff.

One of the co-publishers is Prof. V.N. KONDRATJEW from the Academy of Sciences of USSR, thus full cooperation can be achieved here with the Soviet Union. 83. MPIMF.

*IZVESTIYA AKADEMII NAUK SSSR, SERIYA FIZICHESKAYA (News of the Academy of Sciences of the USSR. Physical Series). 18.250.

Translated thru the Columbia Technical Translations, 5, Vermont Ave., White Plains, N.Y., as: Bulletin of the Academy of Sciences of the USSR. Physical Series. 1955ff. (Here for example, the All-Union Conference concerning spectroscopy which was held in Tartu in 1954, will be given again with all references in Vol. 18, No.6).

Physics and chemistry of solids. Vol 1ff. New York/London 1956ff. Published in cooperation with Prof. LANDAU, Moskva, and Prof, LIFSCHITZ, Moskva.

Proceedings of the Conference of the Academy of Sciences of the USSR. The peaceful uses of atomic energy. Vol. 1-4, New York 1956.

Translation of 87 reports, which the Soviet delegation presented at the atom conference in Geneva from 1-5 July 1955.

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In the German language Volume 5 appeared first under the title: Meeting of the Academy of Sciences of the USSR on the peaceful uses of atomic energy. Vol. 5ff. Berlin 1957ff.

Soviet Research in Physics. Collections of Soviet Physics Reports. Published by the Consultants Bureau in New York. They appear irregularly in the form of individual booklets with translations of the original papers of the Soviet Academy in the fields of physics:

- Collection No. 1: High Energy Fission.
- No. 2: Nuclear-solid State.
- No. 3: Nuclear-low Temperature-Microwaves-Electromagnetic Theory.
- No. 4: High Energy Fission.
- No. 5: Mass Spectrometry-Quantum-Theory - Ferroelectricity.
- No. 6: Nuclear-electron Physics.
- No. 7: Solid State - Low Temperature - Theoretical Nuclear Physics.

By 1956, 7 booklets appeared.

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*ZHURNAL EKSPERIMENTAL'NOY I TEORETICHESKOY FIZIKI (Journal of experimental and theoretical physics)

1a.7.21.38.250. BOK. Bs68. FHI. F1. F24. SV.

Since 1956 provides resumés in Western languages. Translated by the American Institute of Physics, New York, under the title: Soviet Physics-JETP (Journal of experimental and theoretical physics). 1954ff. Appears monthly.

1a.4.7.8.16.82.90.93. Bs68. FHJ. MPMF. MIPC.

II. Non-Translated Periodicals:

EESTI NSV PENNUSTE AKADEEMIA TOIMETISED. IZVESTIYA AKADEMII NAUK ESTONSKOY SSR, TEHNILISTE JA FÜSİKALI - MATEMAATILISTE TEADUSTE SERIYA. SERIYA TEHNICHESKIKH I FIZIKO-MATEMATICHESKIKH NAUK (News of the Academy of Sciences of the Estonian SSR. Series of technical and physico-mathematical sciences).

FIZIKA METALLOV I METALLOVEDENIYE (Physics of metals and the science of metals).

93.

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IZVESTIYA AKADEMII NAUK BELORUSSKOY SSR. SERIYA FIZIKO-TEKHNICHESKIKH NAUK (News of the Academy of Sciences of the Belorussian SSR. Physico-technical science series).

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA ASTRONOMII, FIZIKI, MATEMATIKI I MEKHANIKI (News of the Academy of Sciences of the Kazakh SSR. Series of astronomy, physics, mathematics and mechanics).

IZVESTIYA AKADEMII NAUK UZBEKSKOY SSR. SERIYA FIZIKO-MATEMATICHESKIKH NAUK. (News of the Academy of Sciences of the Uzbek SSR. Physico-mathematical science series).

OPTIKA I SPEKTROSKOPIYA (Optics and spectroscopy) 1a.7.

PROBLEMY FIZIOLOGICHESKOY AKUSTIKI (Problems of physiological acoustics). 1a.7.

PROBLEMY FIZIOLOGICHESKOY OPTIKI (Problems of physiological optics) 1a.B 43.

TRUDY AKUSTICHESKOGO INSTITUTA (Translations of the Acoustics Institute)

TRUDY FIZICHESKOGO INSTITUTA IMENI P.N. LEBEDEVA AKADEMII NAUK SSSR (Translations of the physics institute imeni P.N.LEBEDEV of the Academy of Sciences of the USSR) 1a.7.

TRUDY INSTITUTA FIZIKI (Translations of the institute of physics)

TRUDY INSTITUTA FIZIKI I ASTRONOMII (Translations of the institute of physics and astronomy). F1. H 49.

TRUDY YAKUTSKOGO FILIALA AKADEMII NAUK SSSR. SERIYA FIZICHESKAYA (Translations of the Yakutsk branch of the Academy of Sciences of the USSR. Physical series). 1a.7.

TRUDY KOMISSII PO AKUSTIKE (Translations of the commission on acoustics). 7.

TRUDY TASHKENTSKOY FIZIKI (Translations on Tashkent physics).

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-40- UCHENIYE ZAPISKI Leningradskogo Universiteta. SERIYA
FIZICHESKIKH NAUK (Scientific notes of the Leningrad University.
Physical science series).

UKRAINSKIY FIZICHNIY ZHURNAL (Ukrainian physical journal)

*UZPEKHI FIZICHESKIKH NAUK (Success of the physical sciences)
Individual articles are published in English translation by
the Consultants Bureau, New York. 1a.7.12.21.38. Bs68.

VESTNIKI AKADEMII NAUK BELARUSKAY SSR. SERIYA FIZIKA-
TEKHNIKESKIE NAUKI (Herald of the Academy of Sciences of the Belo-
Russian SSR. Physico-technical science series).

VESTNIK Leningradskogo Universiteta. SERIYA FIZIKI I CHIMII
(Herald of the Leningrad University. Physics and chemistry series).
1a.5.12.29. F₁.

Individual articles are publicized in English translation by the
Consultants Bureau, New York.

VESTNIK Moskovskogo Universiteta. 1. SERIYA MATEMATIKI, MEK-
HANIKI, FIZIKI I CHIMII (Herald of the Moskva University. Series of
mathematics, mechanics, physics and chemistry). 12.19.

Some articles in the fields of physics and mechanics are
published in English translation by the Consultants Bureau, New York.

IIIa. References in:

REFERATIVNYY ZHURNAL, FIZIKA (Journal of abstracts. Physics).
7.29.93. Bs68.

Translated by the Department of Scientific and Industrial
Research, London.

REFERATIVNYY ZHURNAL, MEKHANIKA (Journal of abstracts. Me-
chanics). 7.17. LeI.

Translated by the British Ministry of Supply, London, under
the title: Soviet Abstracts. Mechanics.

At the same time also translated by the National Science
Foundation, under the title: Mechanics. Journal of Abstracts.

Atomic Nuclear Energy. Munich.

1a.5.7.8.19.30.82.83.84.90.91.93.104.188.

AEG. BGR. Bs68. ETZ. E₁. FH. FHI. MF. Stg4. VDMK. ZSH.

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Chemisches Zentralblatt (Chemical Central Newspaper),
Berlin, Weinheim/Bergstr.

In the sections of general and physical chemistry are references concerning Soviet works in nuclear physics, thermodynamics and structure of matter.

1a.4.5.6.7.8.12.16.17.18. 21CI. 24.25.38.77.82.83.84.
89.90.91.93.188.250. BASF. BI. B43. Bs68. Ds11. E₁. FH. FHI. F₁.
H105. IFU. Ki29. MF. MPIB. MPIPC. MPIE. MPIMF. MPIK. VDZ. Wi6. ZSH.

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Discovery London.

Advances of Physics. Berlin. 4.38.91.250. BASF. BI. FHI.

Nuclear Science Abstracts. U.S. Atomic Energy Commission.
Washington. 1ff. 1948ff. 91. MPIB.

Physics Abstracts (Section A of Science Abstracts). London.
1a.5.6.7.8.12.16.17.21.38.82.83.84.89.90.91.93.188.250.
BGK. BI. Bs68. FH. FHI. He49. IFU. MPIMF. MPIPC. ZSH.

Physics Reports. Braunschweig/Berlin.
5.6.7.8.16.17.18.21.24.29.82.83.84.89.90.91.93. Bs68. Du28. MPIMF.

Abstract Service "Farbe" (Color). Supplement to the periodical "Die Farbe" (The Color). 1956ff.

Keep the literature card files up to date by making continuous entries of new material since 1955. The papers of the Soviet academy periodicals are considered there.

Ultrasonics. Published by the Scientific Union for Ultrasonics research, Bonn. Since 1957 it is under the title: International Review for Physical Medicine. 5.7.12.16.18.38.M.82.

IIIB. Bibliography:

Bibliography on Infra-red Spectroscopy. Vol. 1.2. London 1954.

Consultants Bureau Catalog of individual physics reports available in translation. Suppl. New York 1956.

A list of Soviet physical articles which are translated and published since 1947 by the Consultants Bureau, 227 West 17th Street. New York 11, N.Y.

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Advances in Physics. Berlin.
5.6.7.8.16.17.18.19.24.29.77.82.83.89.90.93.
BGK. Bs68. E₁. MPIK. MIPIC.

Engineering Index Books. Energy series. Ultrasonics.
Munich. Documentation of Engineering 1955ff.
Loose-leaf collection which is continuously supplemented.

International Bibliography of Atomic Energy. Atomic
Energy Section, New York. 1.2. 1949/51. Supplement 1952ff.

International bibliograph of the science of colors and
its related fields. Published by Manfred RICHTER, Goettingen:
Musterschmidt 1952.

Journal of the Acoustical Society of America.

In each booklet it supplies references to contemporary
papers on acoustics, but on Soviet books and periodicals it is limited
only to the title without any information on the contents.

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NAUCHNAYA LITERATURA PO AKUSTIKE ZA 1945 - 49 gg •
(Scientific literature on acoustics). Moskva 1955.

Published by the physics institute of the Academy of
Sciences of the USSR. la.

NAUCHNAYA LITERATURA PO VOPROSU LYUMINESTSENTSII. BIBLIO-
GRAFIYA S 1935 g DO 1946 g (Scientific literature on the problem of
luminescence. Bibliography for the years 1935-1946). Moskva 1948. F₁.

NUOVO CIMENTO (New Cement) Supplement 1ff.
Contains English summaries of important Russian works.
7.18.24.83.89.90.91.93.250. BGK. Bs68. FHI. MPIMF. PIPC.

Spectrographic Abstracts. Nr. 1.2. London 1955/56.

SPEKTRAL'NYY ANALIZ, ANNOTIROVANNYY UKAZATEL' SOVIETSKIKH
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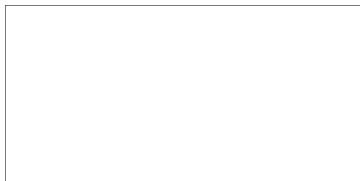
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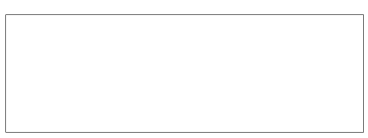
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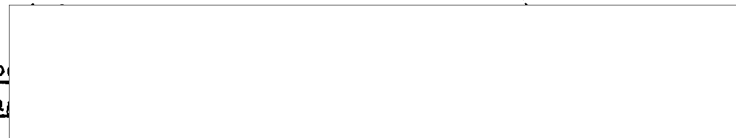
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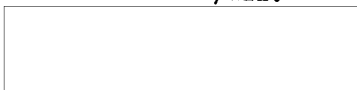
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*TRUDY PЕРVOGO VSESOYUZNOGO PETROGRAFIЧЕСKOGO SOVESHCHANIYA
(Proceedings of the first All-Union petrographic conference)

TRUDY PETROGRAFIЧЕСKOGO INSTITUTA (Proceedings of the
petrographic Institute)

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TRUDY SOVESHCHANIYA PO EKSPERIMENTAL'NOY MINERALOGII
I PETROGRAFIY (Proceedings of the conference on experimental
minerology and petrography) 7.

VOPROSY GEOKHIMII I MINERALOGII (Problems of geo-
chemistry and minerology)

VOPROSY PETROGRAFIY I MINERALOGII (Problems of petro-
graphy and minerology)

*ZAPISKI VSESOYUZNOGO MINERALOGICHESKOGO OBSHCHESTVA
(Note of the All-Union mineralogical society) 1a.7.

IIIa. References

The Mineralogical Magazine and Journal of the
Mineralogical Society. With Appendix of Mineralogical Ab-
stracts. London.

1a.5.6.7.12.16.18.38.82.83.84.89.91.93.188. Wi6.

Central Newspaper for Mineralogy. Stuttgart.

1a.5.6.7.8.16.18.21.24.29.77.82.83.89.90.91.93.104.188.

E₁. F₁. Wi6.

H. Paleontology

II. Non-Translated Periodicals:

YEZHEGODNIK VSESOYUZNOGO PALEONTOLOGICHESKOGO OBSHCHESTVA
(Annual book of the All-Union paleontological society)

MATERIALY VSESOYUZNOGO NAUCHNO-ISLEDOVATEL'SKOGO GEO-
LOGICHESKOGO INSTITUTA. NOVAYA SERIYA. PALEONTOLOGIYA I STRATIGRAFIYA.
(Materials of the All-Union scientific geological research institute.
New series. Paleontology and stratigraphy). 7.

PALEOBOTANIKA (Paleobotanics)

PALEONTOLOGICHESKIY SBCRNIK (Paleontological Collection) 7.

PALEONTOLOGICHESKOYE OBOZRENIYE (Paleontological Review)

PALEONTOLOGIYA SSSR (Paleontology of the USSR) 1a.7.F₁.



TRUDY PALEONTOLOGICHESKOGO INSTITUTA AKADEMII NAUK SSSR
(Proceedings of the paleontological institute of the Academy of
Sciences of the USSR)

7.12.F₁.

VOPROSY MIKROPALEONTOLOGII (Problems of micropaleontology)

VOPROSY PALEONTOLOGII (Problems of paleontology) 7.

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IIIa. References in:

Central Newspaper for geology and paleontology.

T. 1. 2. Stuttgart: Schweizerbart.

1a.5.6.7.8.16.18.21.24.29.77.82.83.89.90.91.93.104.188.

F₁. IFU. w16.

IIIc. Documentation:

Centre d'Etude et de Documentation paleontologique
(Center for paleontologic study and the documentation), 16,
Place Vallubert, Paris 5e

Publishes a list of 1,085 translations which are arranged
according to subject in 90 code words. This list can be ordered from
the Centre d'Etude.

I. Crystallography

I. Translated Periodicals:

KRISTALLOGRAFIYA (Crystallography)

7.FHI.

Translated by the Consultants Bureau, New York, under
the title: Crystallography. Announced for 1957.

II. Non-Translated Periodicals:

TRUDY INSTITUTA KRISTALLOGRAFIY (Proceedings of the in-
stitute of crystallography)

1a.7.F₁.

K. Chemistry

a) Pure Chemistry

I. Translated Periodicals:

*KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA (Chemistry and chemical
technology). Translated by the Consultants Bureau, New York, under
the title: Chemical Science and Industry. 1957ff.

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DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of the USSR)

1a.5.7.12.16.18.21.38.82.83.89.93.250.

BGK. B23. B843M. Bs68. Du6. F₁. FHI. LeI. SV. W16.

Provides essential research results in the fields of mathematics, physics, chemistry, geology, geology and engineering. In the English translation, the articles from the same fields are summarized into one section under the title: Proceedings of the Academy of Sciences of the USSR. Chemistry Section 1956ff.

The physical-chemical articles are summarized and translated by the Consultants Bureau, New York, under the title: Proceedings of the Academy of Sciences of the USSR. Physical chemistry Section. 1957ff. The ~~Proceedings~~ appear annually in 6 issues.

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*IZVESTIYA AKADEMII NAUK SSSR. OTDELENIYE KHIMICHESKIKH NAUK. (News of the Academy of Sciences of the USSR. Chemical Sciences Section). Translated by the Consultants Bureau, New York, under the title: Bulletin of the Academy of Sciences of the USSR. Chemistry division. 1952ff. 6.7.250.

*KOLLOIDNYY ZHURNAL (Colloid Journal) 1a.7. F24. LeI. SV. Translated under the title: Colloid Journal. 1952ff. Appears annually in 6 issues.

Soviet Research in Fused Salts. 1949ff.

This series, which in 1956 covered 125 reports in a collection volume No. I (1949-1955), provides translated articles from the following Soviet periodicals:

ZHURNAL OBSHCHEY KHIMII (Journal of general chemistry)

ZHURNAL PRIKLADNOY KHIMII (Journal of applied chemistry)

IZVESTIYA AKADEMII NAUK. OTDELENIYE KHIMICHESKIKH NAUK. (News of the Academy of Sciences. Section of Chemical Sciences)

The reports are separated in 5 sections: 1. Structure and Properties, 2. Electrochemistry, 3. Slags and Mattes, 4. Thermodynamics, 5. General.

*ZHURNAL ANALYTICHESKOY KHIMII (Journal of analytical chemistry) 1a.7. LeI. S.V.

Translated under the title: Journal of analytical chemistry. 1952ff.

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*ZHURNAL FIZICHESKOY KHIMII (Journal of physical chemistry) 1a.7.12.21.38. BGK. FHI. LeI. SV. Translated by the Consultants Bureau, New York, under the title: Journal of physical chemistry. Announced for 1957ff.

*ZHURNAL NEORGANICHESKOY KHIMII (Journal of inorganic chemistry) 1a.7.SV. Translated by the Consultants Bureau, New York, under the title: Journal of inorganic chemistry. Announced for 1957ff.

ZHURNAL OBSHCHEY KHIMII (Journal of general chemistry) 7.12.38.Bs68. F1. F24. FH. SV. Translated under the title: Journal of general chemistry of the USSR. 1949ff. 7. BASF. FH. IFU. Larger works appear in German translation under the title: Translations of foreign technical literature. Published by the Chemical Society of the German Democratic Republic. H. 1ff. Berlin 1955ff. 6.82.83.

A conference report translated into English: Symposium on Radiation Chemistry. Collection of 26 reports, published by the Academy of Science, Moskva 1955. (Ed. by) Consultants Bureau, Inc., New York, New York 1956.

Part I: Action of radiations on water and aqueous solutions. (15 reports).

Part II: Action of radiations on individual organic compounds and high polymers. (11 reports).

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At one time a chemical periodical was published in English:

ACTA PHYSIOCOCHIMICA, Vol. 1-22. Moskva 1934-1947. 7. The publication of this periodical was discontinued in 1947.

II. Non-Translated Periodicals:

KHIMIYA REDKIKH ELEMENTOV (Chemistry of rare elements) 7.38.

GIDROKHIMICHESKIYE MATERIALY (Hydrochemical materials) 1a.7.F1.

IZVESTIYA AKADEMII NAUK ARMYANSKOY SSR. SERIYA KHIMICHESKAYA (News of the Academy of Sciences of Armenian SSR. Chemical Science Series)

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IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA KHIMI-
CHESKAYA (News of the Academy of Sciences of Kazakh SSR.
Chemical series

IZVESTIYA AKADEMII NAUK UZBEKSKOY SSR. SERIYA KHIMICHESKAYA
(News of the Academy of Sciences of Uzbek SSR. Chemical series).

IZVESTIYA SEKTORA FIZIKO-KHIMICHESKOGO ANALIZA (News of
the sector for physico-chemical analysis)

KISLOROD (Oxygen)

METODY VYSOKO-MOLEKULYARNOY ORGANICHESKOY KHIMII (Methods
of high-molecular organic chemistry)

PROBLEMY KINETIKI I KATALIZA (Problems of kinetics and
catalysis)

7.

SBORNIK STATEY. KOMISSIYA PO CHROMATOGRAFI I PRI OTDELENIYE
KHIMICHESKIKH NAUK. AKADAMIYA NAUK SSSR. (Collection of articles.
Chromatography commission at the chemical section of the Academy of
Sciences of the USSR)

SBORNIK STATEY PO OBSHCHEY KHIMII (Collection of articles
on general chemistry)

7.

SINTEZY ORGANICHESKIKH SOYEDINENIY (Synthesis of organic
combinations)

TRUDY DAL'NEVOSTOCHNOGO FILIALA IMENI V.L. KOMAROVA AKA-
DEMII NAUK SSSR. SERIYA. KHIMICHESKAYA (Proceedings of the Far
Eastern branch imeni V.L. KOMAROV of the Academy of Sciences of the
USSR. Chemical Series)

TRUDY INSTITUTA KHIMII I METALLURGI I. URAL'SKIY FILIAL
AKADEMII NAUK SSSR (Proceedings of the institute for chemistry and
metallurgy . Ural branch of the Academy of sciences of the USSR)

1a.7.82.93.

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TRUDY INSTITUTA FIZICHESKOY KHIMII AKADEMII NAUK SSSR
(Proceedings of the institute of physical chemistry of the Academy
of Sciences of the USSR)

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TRUDY KAZANSKOGO FILIALA AKADEMII NAUK SSSR. SERIYA
KHIMICHESKIKH NAUK (Proceedings of the Kazan branch of the Academy
of Sciences of the USSR. Chemical science series).

TRUDY KOMISSII PO ANALITICHESKOY KHIMII (Proceedings of
the commission for analytical chemistry). 1a.7.

TRUDY RADIYEGO INSTITUTA IMENI V.G. KHLOPINA AKADEMII NAUK
SSSR (Proceedings of the radium institute imeni V.G. KHLOPIN of the
Academy of Sciences of the USSR).

*TRUDY VOSTOCHNO-SIBIRSKOGO FILIALA. SERIYA KHIMICHESKAYA,
(Proceedings of the Eastern Siberian branch. Chemical series). 1a.7.

UCHENIYE ZAPISKI LENINGRADSKOGO UNIVERSITETA. SERIYA
KHIMICHESKIKH NAUK (Scientific notes of the Leningrad University.
Chemical science series).

UKRAINSKIY KHIMICHESKIY ZHURNAL (Ukrainian Chemical Journal)
; 1a.7.SV.

USPEKHI KHIMII (Successes of chemistry) 1a.7.12.18.LeI.

USPEKHI KHIMII I TEKHNologii POLIMEROV (Successes of
chemistry and technology of polymerics) 1a.7.

VESTNIK LENINGRADSKOGO UNIVERSITETA. SERIYA FIZIKI I
KHIMII (Herald of the Leningrad University. Physical and chemical
series). 1a.5.12.29.F₁.

b) Physiological Chemistry

I. Translated Periodicals:

D KLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences
of the USSR)

1a.5.7.12.16.18.21.38.82.83.89.93.250.

BGK. B23. B843M. Bs68. Du6. F₁. FHI. LeI. SV. Wi6.

The physiological chemical articles are translated and
compiled by the Consultants Bureau, New York:

Proceedings of the Academy of Sciences of the USSR. Bio-
chemistry Section. 1957ff.

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BIOKHIMIYA (Biochemistry)

la.7.12.18. 38M. BFL. B843M. F₁. Le₁. SV.

Translated under the title: Biochemistry. 1956ff. 6.18.SV.

In addition the Soviet periodical provides since 1956 a supplement of resumés in Western languages.

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II. Non-Translated Periodicals:

BAKHOVSKIYE CHTENIYA (Bachovski lectures)

la.

BIOKHIMIYA CHAYNOGO PROIZVODSTVA (Biochemistry of tea production)

la.

BIOKHIMIYA PLODOV I OVOSHCHHEY (Biochemistry of fruit and vegetables)

BIOKHIMIYA VINOVELIYA (Biochemistry of wine production)

*BIOKHIMIYA ZERNA (Biochemistry of corn)

la.F₁.

PROBLEMY BIOKHIMII V MICHURIN'SKOY BIOLOGII (Problems of biochemistry in Michurin biology)

TRUDY VSESOYUZNOGO OBSHCHESTVA FIZIOLOGOV, BIOKHIMIKOV I FARMAKOLOGOV (Proceedings of the Society of physiologists, biochemists and pharmacutists in the Soviet Union)

*UKRAINSKIY BIOKHEMICHESKIY ZHURNAL (Ukrainian biochemical journal)

7.F₁.SV.

VITAMINNYE RESURSY I IKH IZPOLZOVANIYE. SBORNIK (Vitamin sources and their evaluation. Collection)

IIIa. References in:

REFERATIVNYY ZHURNAL. KHIMIYA (Journal of Abstracts. Chemistry)

F₁.LeI.

REFERATIVNYY ZHURNAL. BIOLOGICHESKAYA KHIMIYA (Journal of Abstracts. Biological chemistry).

BIOKHIMIYA (Biochemistry). Since 1 January 1956 provides resumés in Western languages.

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TEPLOV, D.Yu.: REFERATIVNYYE ZHURNALY PO KHIMII V
SSSR. ISTORICHESKIY OCHERK (The chemical abstract journals in
the USSR. Historical outline), In: 46 (1955) pp 25/33

Analytical Abstracts. Vol 1ff. Cambridge 1954ff.
Published by the Society for Analytical Chemistry.

Chemical Abstracts. Vol 1ff. Easton (Pa) 1907ff.
1a.4.5.6.7.17.18.21.25.38.77.82.83.84.89.90.91.93.188.250.
BASF. BGK. BI. B43.Du28.Ds11. E₁. FH. FHI. F₁. IFU. Ki29.
MF. MPIB. MPIE. MPIK. MPIP. MPIV.

"Chemisches Zentralblatt" (Chemical Central Newspaper),
Vol 1ff. Berlin (now: Berlin/Weinheim), 1830ff.
1a.4.5.6.7.8.12.16.18.21.CI.24.25.38.77.82.83.84.89.90.91.3.
95.188.250. BASF. BFL. BGK. BI. B43. Bs68. Ds11. E₁. FH.
FHI. F₁. H105. IFU. Ki29. MF. MPIB. MPIE. MPIK. MPIMF.
MPIP. VDZ. W16. ZSH.

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English Language Abstracts of Russian Journals, prepared by
Assoc. Technical Services, East Orange, N.J.

The following four Soviet chemical periodicals are being
abstracted:

USPEKHI KHIMII (Successes of chemistry)

ZHURNAL PRIKLADNOY KHIMII (Journal for applied chemistry)

IZVESTIYA AKADEMII NAUK SSSR, OTDELENIYE KHIMICHESKIKH
NAUK (News of the Academy of Sciences of the USSR. Section of
chemical sciences).

UKRAINSKIY KHIMICHESKIY ZHURNAL (Ukrainian chemical
journal) BASF.

Fresenius' Periodical for analytical chemistry. Munich:
Bergmann; Berlin, Goettingen, Heidelberg: Springer.

5.6.7.8.16.18.25.38.77.82.83.89.90.91.93.188.250.
BASF. BI. B43.Bs68. BGK. 21CI. FH. F₁. IFU. Ki29. MF. MPIE. MPIMF.

Library Bulletin of Abstracts. Published by Universal
Oil Products Company, Des Plaines, Illinois, USA.

Also lists the translations which are obtainable thru the
Consultants Bureau, New York.

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IIIb. Bibliography:

BUSEV, A.I.: ANALITICHESKAYA KHIMIYA. LITERATURA NA RUSSKOM YAZYKE ((Analytical chemistry. Literature in the Russian language). (1941-1952g). Moskva 1956.

DUMANSKIY, A.V.: BIBLIOGRAFICHESKIY OCHERK RAZVITIYA OTECHESTVENNOY KOLLOIDNOY KHIMII (Bibliographical abstract of the development of Russian colloid chemistry) 1.2. Moskva 1952/1955.

Chemistry. Unpublished translations. Prepared and published by the Central Office for Scientific Literature. Berlin 1955. (Title grouping. 3)

Successes of chemical research. Section: Literature.
4.5.6.7.8.16.17.18.21.CI.24.38.77.82.83.84.89.90.91.93.250.
BASF. BGK. BI. B43. E₁. FH. FHI. F₁. MF.MPIK.MPIMF.MPIPC.

Personal Bibliography:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR (Materials for a biobibliography of scientists of the USSR. Biochemistry series).

The series lists biographies with attached subjective and objective personal bibliographies of Russian and Soviet biochemists.

VOL'FKOVICH, S.I.: RUSSKIYE KHIMIKI. ANNOTIROVANNYY UKAZATEL' LITERATURY' (Russian chemists. Annotated literature list). Moskva 1954.

-60- IIIc. Documentation:

Associated Technical Services, P.O.Box 217, East Orange, N.J.
Publishes translations in the fields of chemistry; they are recorded on lists and can be ordered from the above mentioned office.

Consultants Bureau, 227 West 17th Street, New York 11, N.Y.
Publishes many translated Soviet chemical periodicals especially the sections of the Soviet Academy.

Complete annuals from these translated periodicals can be ordered from the Consultants Bureau.

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Gmelin, Institute for organic chemistry and associated fields. Max-Planck Society, Frankfurt/Main, Varrentrapstr. 40/42, Carl-Bosch Haus.

Kekule Library. Farbenfabriken (Dye factory) Bayer AG., Leverkusen.

Midwest Inter-Library Center, 5721 Cottage Grove Avenue, Chicago 37. Central Office for chemical periodicals.

L. Biology

a) General Biology

I. Translated Periodicals:

*BYULLETEN' EKSPERIMENTAL'NOY BIOLOGII I MEDITSINY (Bulletin of experimental biology and medicine) la.B843M. F₁. SV.
Translated under the title: Bulletin of Experimental Biology and Medicine. 1956ff.

• Biological articles of

DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of the USSR)

la.5.7.12.18.21.38.82.83.89.93.250.

BGK. B23. B843M. Bs68. Du6. F₁. FHI. LeI. SV. Wi6.

will be compiled and translated by the Consultants Bureau, New York, under the title: Proceedings of the Academy of Sciences of the USSR. Biological science. Announce! for 1957ff.

Included will be the works from the following fields:

Anatomy, zoological oecology, zoological morphology, zoological physiology, biophysics, cytology, cytopathology, embryology, endocrinology, experimental morphology, genetics, histology, hydrobiology, morphology, parasitology, physiology, phytopathology, zoology.

Orders are to be arranged with: American Institute of Biological Sciences, 2000 PSt., Washington D.C. Starting in 1957, the National Institutes of Health in Bethesda 14, Maryland, will translate into English 7 Soviet periodicals, including periodicals in the fields of biochemistry, biophysics, experimental biology, microbiology and physiology, and will publish the translations.

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II. Non-Translated Periodicals:

*BYULLETEN' MOSKOVSKOGO OBSHCHESTVA ISPYTATELEY PRIRODY.
OTDEL BIOLOGICHESKIY (Bulletin of the Moskva Society of Naturalists.
Biological Section). 1a.12.18.25. B843M. F₁.

Since 1956 contains resumés in Western languages.

EESTI NSV TEADUSTE AKADEEMIA TOIMETISED. IZVESTIYA AKADEMII
NAUK ESTONSKOY SSR. BIOLOGILINE SEERIA. SERIYA BIOLOGICHESKAYA.
(News of the Academy of Sciences of the Estonian SSR. Biological
series). B843M. F₁.

With summaries in German.

IZVESTIYA AKADEMII NAUK ARMYANSKOY SSR. BIOLOGICHESKIYE
I SELSKOKHOZYAYSTVENNYYE NAUKI (News of the Academy of Sciences of
the Armenian SSR. Biological and agricultural sciences). 7.

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA BIOLO-
GICHESKAYA (News of the Academy of Sciences of the Kazakh SSR.
Biological series) 18. B843M.

*IZVESTIYA AKADEMII NAUK SSSR. SERIYA BIOLOGICHESKAYA
(News of the Academy of Sciences of the USSR. Biological series).
1a.5.7.8.12.18.21.29.98. B843M. F₁. SV.

IZVESTIYA AKADEMII NAUK UZBEKSKOY SSR. SERIYA BIOLO-
GICHESKIKH I SELSKOKHOZYAYSTVENNYKH NAUK (News of the Academy of
Sciences of the Uzbek SSR. Biological and agricultural science
series).

IZVESTIYA BIOLOGICHESKOGO NAUCHNOGO INSTITUTA GOSUDARST-
VENNOGO MOLOTOVSKOGO UNIVERSITETA (News of the biological scientific
institute of the Molotov State University).

IZVESTIYA MOSKOVSKOGO OBSHCHESTVA ISPYTATELEY PRIRODY
(News of the Moskva Society of Naturalists).

OKHRANA PRIRODY I ZAPOVEDNOYE DELO V SSSR (Protection
of Nature and reservations in the USSR).

PARAZITOLOGICHESKIY SBORNIK (Parasitological Collection)

1a.7. B843M. F₁.

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PRIRODA (Nature) 1a.7.12.16. B843M. F₁. H 105.

*TRUDY BIOGEOKHMICHESKOY LABORATORII (Proceedings of the biochemical laboratory) 7. F₁.

TRUDY INSTITUTA BIOLOGII (Proceedings of the Institute for biology) F₁.

TRUDY INSTITUTA BIOLOGII. YAKUTSKIY FILIAL AKADEMII NAUK SSSR (Proceedings of the institute for biology. Yakutsk branch of the Academy of Sciences of the USSR). F₁.

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TRUDY INSTITUTA BIOLOGII. URAL'SKIY FILIAL AKADEMII NAUK SSSR (Proceedings of the Institute for Biology. Ural branch of the Academy of Sciences of the USSR). 1a.F₁.

TRUDY INSTITUTA EKSPERIMENTAL'NOY BIOLOGII (Proceedings of the Institute for experimental biology)

TRUDY KARAGADSKOY BIOLOGICHESKOY STANTSII (Proceedings of the biological station in Karagad). F₁.

TRUDY LABORATORII SAPROPELEVYKH OTLOZHENIY (Proceedings of the Laboratory for sapropel sedimentations) F₁.

TRUDY MURMANSKOY BIOLOGICHESKOY STANTSII (Proceedings of the biological station in Murmansk) 1a.F₁.

TRUDY NAUCHNO-ISSLEDOVATEL'SKOY BIOLOGICHESKOY STANTSII "BOROK" (Proceedings of the Scientific Research Institute of Biology "Borok") 1a.F₁.

TRUDY SAKHALINSKOGO FILIALA AKADEMII NAUK SSSR. SERIYA BIOLOGICHESKAYA (Proceedings of the branch of Sakhalin of the Academy of Sciences of the USSR. Biological series).

TRUDY SEVASTOPOL'SKOY BIOLOGICHESKOY STANTSII IMENI A.O. KOVALEVSKOGO (Proceedings of the biological station imeni A.O. KOVALEVSKI in Sevastopol). 7.F₁.

UCHENIYE ZAPISKI LENINGRADSKOGO UNIVERSITETA. SERIYA BIOLOGICHESKIKH NAUK (Scientific notes of the Leningrad University. Biological science series). STAT



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*USPEKHÍ SOVREMENNOY BIOLOGII (Successes of modern biology)
1a.7.12.18.21.25. F₁. B843M. SV.

VESTNIK LENINGRADSKOGO UNIVERSITETA. SERIYA BIOLOGII
(Herald of the Leningrad University. Biological series) 1a.5.12.29.F₁.SV.

*ZHURNAL OBSHCHEY BIOLOGII (Journal of general biology)
1a.12.25. B843M. F₁. Le₁. SV.
Since 1956 has resumés in Western languages.

IIIa. References in:

REFERATIVNYY ZHURNAL. BIOLOGIYA (Journal of Abstracts. Biology).
4.38.77.95.

ZHURNAL OBSHCHEY BIOLOGII (Journal of general biology)
Since 1956 has resumés in Western languages.
Abstracts in German.

Reports concerning scientific biology.
6.7.8.16.18.21.24.25.38M.77.82.83.90.91.93.95.188.
BASF. BFL. BI. FH. F₁. H105. HnI. Ki29. MPIB. MPIMF. MPiV.

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"Biologisches Zentralblatt" (Biological Central Newspaper)
Leipzig: Thieme. HnI.

Microscopy. Vienna and Munich.
1a.5.6.7.8.16.18.19.21.38.77.84.90.91.93.
BASF. BGK. BI. B868. F₁. IFU.
Has English Abstracts.

Biological Abstracts. Vol 1ff. 1926ff. Philadelphia 1927ff.
1a.6.7.8.12.17.21.25.93.188. BGK. F₁. HnI.

Starting in 1956, Soviet Abstracts will be translated from the Soviet REFERATIVNYY ZHURNAL. BIOLOGIYA (Journal of Abstracts. Biology). For the year 1957, there should be 2,400 Abstracts from the 31 larger Soviet biological periodicals.

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International Abstracts of biological sciences. (Earlier under the title: British Abstracts of medical sciences). London, New York: Pergamon Press. Published by the Council of Biological and Medical Abstracts, Ltd. Starting in January 1957, translations of Soviet Abstracts will be taken from REFERATIVNYY ZHURNAL BIOLOGIYA I BIOLOGICHESKAYA KHIMIYA (Journal of Abstracts. Biology and Biological chemistry). After a discussion between both editorial offices, the publishing of the translation should be at the same time as the original. (Compare the Library Association Record 59 (1957) pp 175/176).

IIIb. Bibliography:

ISTORIYA YESTESTVOZNAANIYA. LITERATURA OPUBLIKOVANNAYA V SSSR (1948-50) (History of natural sciences. Literature which was published in the USSR between 1948-50. Moskva 1955.

IIIc. Documentation:

American Institute of Biological Science, 2000 P Street N.W., Washington 25, D.C.
American Publishing House for Translations.

University of Pennsylvania, 3815 Walnut Street, Philadelphia, Pennsylvania.

Thousands of Abstracts from the Soviet Abstract work "Biologiya" are translated into English and published in the Biological Abstracts.

IIId. Dictionaries:

CARPOVICH, Eugene A.: Russian-English medical and biological dictionary. In preparation.

b. Physiology

I. Translated Periodicals:

FIZIOLOGIYA RASTENIY (Plant physiology) 1a.F₁. SV.
Translated under the title: Plant Physiology. Announced for 1957ff. In addition, the Soviet periodical contains since 1956 resumés in Western languages.

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II. Non-Translated Periodicals:

FIZIOLOGICHNIY ZHURNAL (Physiological Journal) 38M. F₁.

OPYT IZUCHENIYA REGULYATSII FIZIOLOGICHESKOY FUNKTSII V YESTESTVENNUKH SUSHCHESTVOVANIYAKH ORGANIZMOV (Research experience in regulation of the physiological functions of the organism under natural conditions). 38M.

PROBLEMY FIZIOLOGICHESKOY AKUSTIKI (Problems of physiological acoustics) 1a.7.

PROBLEMY FIZIOLOGICHESKOY OPTIKI (Problems of physiological optics) 1a.B43.

TIMIRYAZEVSKIYE CHTENIYA (Timiryazev lectures)

TRUDY FIZIOLOGICHESKOGO INSTITUTA (Proceedings of the physiological institute):

TRUDY INSTITUTA FIZIOLOGII RASTENIY IMENI K.A. TIMIRYAZEVA AKADEMII NAUK SSSR (Proceedings of the institute of plant physiology imeni K.A. TIMIRYAZEV of the Academy of Sciences of the USSR) 1a.F₁.

IIIa. References in:

REFERATIVNYY ZHURNAL. BOLOGICHESKAYA KHIIMIYA (Journal of Abstracts. Biological chemistry). F₁.LeI.

c) Hydrobiology. Limnology:

II. Non-Translated Periodicals:

TRUDY BAYKAL'SKOY LIMNOLOGICHESKOY STANTSII VOSTOCHNO-SIBIRSKOGO FILIALA AKADEMII NAUK SSSR (Proceedings of the Baikalsk Limnological station of the Eastern Siberian branch of the Academy of Sciences of the USSR) F₁.

TRUDY GOSUDARSTVENNOGO OKEANOGRAFICHESKOGO INSTITUTA (Proceedings of the State Oceanographic Institute)

TRUDY INSTITUTA GIDROBIOLOGII (Proceedings of the Institute of hydrobiology) STAT F₁.

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TRUDY INSTITUTA OKEANOLOGII AKADEMII NAUK SSSR
(Proceedings of the Institute for Oceanology of the Academy of
Sciences of the USSR)

TRUDY PO IZUCHENIYU SAPROPELEVYKH OTLOZHENIY (Proceedings
on research of sapropel sedimentations)

TRUDY LABORATORII OZEROVEDENIYE (Proceedings of the Labora-
tory for Limnology) 1a.30.

-65- TRUDY LABORATORII SAPROPELEVYKH OTLOZHENIY (Proceedings
of the laboratory for sapropel sedimentations)

TRUDY MURMANSKOY BIOLOGICHESKOY STANTSII (Proceedings of
the Murmansk biological station)

TRUDY NAUCHNO-ISSLEDOVATEL'SKOY BIOLOGICHESKOY STANTSII
"BOROK" (Proceedings of the scientific biological research station
"Borok").

TRUDY OKEANOGRAFICHESKOY KOMISSII (Proceedings of the
oceanographic commission)

TRUDY TIKHOOKEANSKOGO KOMITETA (Proceedings of the Pacific
Ocean Committee)

TRUDY VSESOYUZNOGO GIDROBIOLOGICHESKOGO OBSHCHESTVA AKADEMII
NAUK SSSR (Proceedings of the All-Union hydrobiological society of the
Academy of Sciences of the USSR) F₁.

ZHIZN' PRESNYKH VOD SSSR (Life in sweet water in the USSR)

IIIa. References in:

Archive for hydrobiology. Stuttgart.
5.6.7.8.12.21.24.25.77. F₁. Wi6. Wi6.

d) Microbiology:

I. Translated Periodicals:

*MIKROBIOLOGIYA (Microbiology) 1a.12.16.18.29. B843M. F₁. SV.
Translated by the American Institute of Biological Sciences,
2000 P St., Washington, D.C., under the title: Microbiology. Announced
for 1957ff. In addition the Soviet periodical provides resumés in
Western languages since 1956.

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*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII
(Periodical for microbiology, epidemiology and immunobiology).

1a.38M. B843M. SV.

Translated by the Pergamon Press, New York, under the
title: Journal of Microbiology, Epidemiology and Immunobiology.
Announced for 1957ff.

II. Non-Translated Periodicals:

MIKROBIOLOGICHESKIY SBORNIK (Microbiological Collection)

MIKROBIOLOGICHESKIY ZHURNAL ((Microbiological Periodical)

MIKROBIOLOGICHNIY ZHRUNAL (Microbiological Periodical) F₁.

MYKOLOGICHESKIY SBORNIK (Mycological Collection)

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TRUDY INSTITUTA MIKROBIOLOGII AKADEMII NAUK S.SSR (Pro-
ceedings of the Institute for microbiology of the Academy of Scien-
ces of the USSR) 38.38M. F₁.

TRUDY SEKTORA MIKROBIOLOGII (Proceedings of the micro-
biology sector)

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATELSKOGO INSTITUTA
SELSKOKHOZYAYSTVENNOY MIKROBIOLOGII (Proceedings of the All-Union
scientific research institute for agricultural microbiology) F₁.

VOPROSY SELSKOKHOZYAYSTVENNOY MIKROBIOLOGII. TRUDY IN-
STITUTA (Problems of agricultural microbiology. Proceedings of
the institute)

IIIa. Reference works:

"Zentralblatt fuer Bakteriologie, Parasitenkunde, Infek-
tionskrankheiten und Hygiene" (Central newspaper for bacteriology,
parasitology, contagious diseases and hygiene). Stuttgart.

1a.5.6.7.8.12.16.18.21.24.29.38M.77.91.95.

BASF. BFL. BGK. F₁. FH. HnI. IFU. MPIV.

MIKROBIOLOGIYA (Microbiology)

Since 1956 has resumés in western languages.

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Pagee) GeneticsI. A conference report translated into English:

Symposium on Radiobiology. Seven reports by Soviet biologists from the Institute of Genetics and the Institute of Biophysics, Academy of Sciences of the USSR. (Ed. by) Consultants Bureau, New York, New York 1956.

II. Non-Translated Periodicals:

TRUDY INSTITUTA GENETIKI AKADEMII NAUK SSSR (Proceedings of the genetics institute of the Academy of Sciences of the USSR).

1a. F₁. H105.

TRUDY PO PRIKLADNOY BOTANIKE, GENETIKE I SLEKTSII (Proceedings on applied botanics, genetics and selection)

1a. F₁.IIIb. Bibliography:

Homo.

4.16.18.38M.77.BGK.

In section "New Literature" is a title bibliography.

f) Oecology:II. Non-Translated Periodicals:

TRUDY LABORATORII EVOLYUTSIONNOY EKOLOGII (Proceedings of the laboratory for evolution oecology)

F₁.

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IIIa. References in:

REFERATIVNYY ZHURNAL. BIOLOGIYA (Journal of Abstracts. Biology)

MIKROBIOLOGIYA (Microbiology)

Since 1956 has resumés in Western languages.

Archive for meteorology, geophysics, and bioclimatology.

Vienna; Springer.

1a.6.7.8.12.16.18.21.24.28.77.82.83.89.90.93.B23. IFU. #16.

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g) Biophysics:I. Translated Periodicals:

ATOMNAYA ENERGIYA (Atomic energy) 83.91. B843M. F24. SV.

Translated by Associated Technical Services. East Orange, N.J.

under the title: Soviet Journal of atomic energy. 1956ff.

82.84.91. BI. MPIPC.

It is separated in sections. For the year 1956, section 4 "Application of Radioactive Isotopes" can be ordered separately. For 1957ff orders will be accepted only for the entire translated periodical from the Consultants Bureau, New York. Since August 1956, ATOMNAYA ENERGIYA appears in English translation as a supplement to the periodical "Journal of Nuclear Energy" under the title: Atomic Energy.

1a.7.12.82.83.84.89.90.91.93.250.

BASF. BCK. BI. Bs68. FH. FHI. MPIPC. W16.

Remote Consequences of Radiation. New York 1957.

22 reports of the Soviet conference concerning radiation damage translated into English.

Symposium on Radiobiology.

Seven reports by Soviet biologists from the Institute of Genetics and the Institute of Biophysics, Academy of Sciences of the USSR. (Ed. by) Consultants Bureau, Inc., New York. New York 1956.

A conference report translated into English.

II. Non-Translated Periodicals:

BIOFIZIKA (Biophysics)

F₁. SV.

TRUDY INSTITUTA BIOLOGICHESKOY FIZIKI (Proceedings of the Institute for biophysics)

1a.F₁.

M. Botanics:I. Translated Periodicals:

DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of the USSR).

1a.5.7.12.16.18.21.38.82.83.89.93.250.

BGK. B23. B843M. Bs68. Du6. F₁. FHI. LeI. SV. W16.

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botanical articles are translated by the Consultant's Bureau, New York, and appear under the title: Proceedings of the Academy of Sciences of the USSR. Botanical Section. Announced for 1977.

La.F.I. SV. Translated by the Consultant Bureau, New York, under the title: Plant Physiology. Announced for 1977. The Soviet periodical provides since 1956 resumes in Western languages. Orders for both translated periodicals should be directed to: American Institute of Biological Sciences, 2000 P St., Washington, D.C.

II. Non-Translated Periodicals:

BYULLETEN' BOTANICHESKOGO SADA AKADEMII NAUK ARMYANSKOY SSR (Bulletin of the botanical garden of the Academy of Sciences of the Armenian SSR)

BYULLETEN' GLAVNOGO BOTANICHESKOGO SADA AKADEMII NAUK SSR (Bulletin of the main botanical garden of the Academy of Sciences of the USSR)

La.8.12.F.I. HIO2* BOTANICHESKIYE MATERIALY GERBARIYA BOTANICHESKOGO INSTITUTA IMENI V.I. KOMAROVA AKADEMII NAUK SSR (Botanical materials of the herbarium of the botanical institute imeni V.I. Komarov of the Academy of Sciences of the USSR)

La.12.F.I. BOTANICHESKIYE MATERIALY OTDELA SPOROVYKH RASTENIY BOTANICHESKOGO INSTITUTA IMENI V.I. KOMAROVA AKADEMII NAUK SSR (Botanical materials of the sporophyte section of the botanical institute imeni V.I. Komarov of the Academy of Sciences of the USSR)

La.12.16.18.21.84.F.I. HIO2. SV. *BOTANICHESKIY ZHURNAL SSR (Botanical Journal of the USSR)

La. BOTANICHNIY ZHURNAL. KI (Botanical Journal. Kiev)

IS. DREV'YA I KUSTARNIKI SSR (Trees and bushes of the USSR)

La. EKSPERIMENTAL'NAYA BOTANIKA (Experimental botany)

F.I. FLORA MURMANSKOY OBLASTI ('Flora in the Murmansk Oblast')

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ВТОРУ ПОДТВЕРЖАЮЩАЯ ОБЪЕДИ (second in the subsequent order) E^J.

ЭКСПЕРИМЕНТАЛЬНАЯ РАБОТА (Experimental work) JS^o

ДЕЯТЕЛЬНОСТЬ И КОМПЬЮТЕРНЫЕ СРЕДСТВА (Activities and means of the USSR) JS^o

БОЛШЕВИЧЕСКАЯ РЕВОЛЮЦИЯ И БОЛШЕВИЧЕСКАЯ РЕВОЛЮЦИЯ (The Bolshevik Revolution and the Bolshevik Revolution) JS^o

ИЗДАНИЕ ПЕРВОГО ТОМА E^J. ЧТО? ЗА?

*БОЛШЕВИЧЕСКАЯ РЕВОЛЮЦИЯ (The Bolshevik Revolution) JS^o

А.Г. КОМАНОВА of the Academy of Sciences of the USSR)
 materials of the editorial section of the journal "История
 СССР" (History of the USSR) (Bolshevik
 Revolution and the Bolshevik Revolution)

of Sciences of the USSR) JS^J. E^J.
 materials of the journal "История СССР" (History of the USSR)
 ИМЕНИ А.Г. КОМАНОВА (Materials of the journal "History of the USSR")
 БОЛШЕВИЧЕСКАЯ РЕВОЛЮЦИЯ (Bolshevik Revolution)

the USSR) JS^J. E^J. ЧТО?
 (Subject of the journal "История СССР" (History of the USSR)
 ВНЕШНЯЯ ПОЛИТИКА СССР (Foreign Policy of the USSR)
 ИМЕНЕМ СССР) JS^J.

(Subject of the journal "История СССР" (History of the USSR)
 ВНЕШНЯЯ ПОЛИТИКА СССР (Foreign Policy of the USSR)

II. Non-translated Periodicals:

D.C.
 to: American Institute of Biological Sciences, 5000 E. 24th, Washington,
 D.C. Orders for both translated periodicals should be directed
 The Soviet Biological Archives since 1988 resumes in Western
 title: "Биологический журнал" (Biological Journal)
 translated by the Consultant Bureau, New York, under the
 BIOLOGICAL ARCHIVES (Biological Archives) JS^J. E^J.

of section. Announced for 1988.
 Proceedings of the Academy of Sciences of the USSR. Soviet
 New York, and appear under the title:
 Biological Archives are translated by the Consultant Bureau

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FLORA SPOROVIKH RASTENIY SSSR (Sporophyte Flora of the USSR) 1a.12. F₁. H105.

FLORA SSSR (Flora of the USSR) 1a.18. F₁. H105.

FLORA ZABAYKAL'YA (Transbaikal Flora) 12.18. F₁. H105.

KOMAROVSKIYE CHTENIYA (Komarov Lectures) 7.

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MATERIALY PO ISTORII FAUNY I FLORY KAZAKHSTANA (Materials on the history of fauna and flora of Kazakhstan) 1a.12. F₁.

MATERIALY PO ISTORII FLORY I RASTITEL'NOSTI SSSR (Materials on the history of flora and vegetation of the USSR) 1a.

MATERIALY K POZNANIYU FAUNY I FLORY SSSR. OTDELENIYE BOTANICHESKOYE (Materials on the research of the fauna and flora of the USSR. Botanical section) F₁.

PROBLEMY BOTANIKI (Botany Problems) 1a.F₁.

PUSTYNI SSSR I IKH OSVOYENIYE (The deserts of the USSR and their utilization) 1a.12.

SOVETSKAYA BOTANIKA (Soviet botany) 1a.F₁.

SPISOK RASTENIY GERBARIYA FLORY SSSR, IZDAVAYEMOGO BOTANICHESKIM INSTITUTOM IMENI V.L. KOMAROVA AKADEMII NAUK SSSR (List of herbarium plants of the flora of the USSR. Published by the botanical institute imenia V.L. KOMAROV of the Academy of Sciences of the USSR)

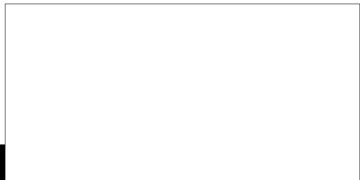
TIMIRYAZEVSKIYE CHTENIYA (Timiryazev Lectures)

TRUDY ALMA-ATINSKOGO BOTANICHESKOGO SADA (Proceedings of the Alma Ata botanical garden)

TRUDY BOTANICHESKOGO INSTITUTA IMENI V.L. KOMAROVA AKADEMII NAUK SSSR (Proceedings of the botanical institute imeni V.L. KOMAROV of the Academy of Sciences of the USSR)

Series I: FLORA I SISTEMATIKA VYSSHIKH RASTENIY (Flora and systematization of the higher plants) 1a.12.18.25. F₁.

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- Series 2: SPOROVYE RASTENIYA (Sporophytes) 1a.12.18.25.F₁.
- Series 3: GEOBOTANIKA (Geobotany) 1a.12.18.25.F₁.
- Series 4: EKSPERIMENTAL'NAYA BOTANIKA (Experimental botany) 1a.12.18.F₁.
- Series 5: RASTITEL'NOYE SYR'YE (Plant raw materials) 1a.12.18.F₁.
- Series 6: ~~INTRODUKTSIYA RASTENIY I ZELENOYE STROITEL'STVO~~
(Introduction to plants and green horticulture) 1a.12.18.F₁.
- Series 7: MORFOLOGIYA I ANATOMIYA RASTENIY (Morphology and anatomy of plants) 1a.12.18.25.F₁.
- Series 8: PALEOBOTANIKA (Paleobotany) 12.18.
- TRUDY DAL'NEVOSTOCHNOGO FILIALA IMENI V.L. KOMAROVA AKADEMII NAUK SSSR. SERIYA BOTANICHESKAYA (Proceedings of the Far East branch imeni V.L. KOMAROV of the Academy of Sciences of the USSR. Botanical Series) 1a.F₁.
- 70- TRUDY GLAVNUGO BOTANICHESKOGO SADA (Proceedings of the main botanical gardens) 1a.F₁. H105.
- TRUDY GOSUDARSTVENNOGO NIKITSKOGO BOTANICHESKOGO SADA (Proceedings of the Nikitski state botanical gardens)
- TRUDY INSTITUTA BOTANIKI. ALMA-ATA (Proceedings of the Alma-Ata botanical institute) 1a.F₁.
- TRUDY INSTITUTA FIZIOLOGII RASTENIY IMENI K.A. TIMIRYAZEVA AKADEMII NAUK SSSR (Proceedings of the institute of plant physiology imeni K.A. TIMIRYAZEV of the Academy of Sciences of the USSR)
- TRUDY PO PRIKLADNOY BOTANIKE, GENETIKE I SELEKTSII (Proceedings on applied botany, genetics and selection) 1a.F₁.
- TRUDY VSESOUZNOGO INSTITUTA ZASHCHITY RASTENIY (Proceedings of the All-Union institute for plant protection) 1a.F₁.

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UKRAINSKIY BOTANICHNYY ZHURNAL (Ukrainian botanical journal) F₁.

VITAMINNYE RESURSY I IKH ISPOLZOVANIYE SBORNIK (Vitamin resources and their use. Collection)

VOPROSY BOTANIKI (Problems of botany) F₁.

ZAMETKI PO SISTEMATIKE I GEOGRAFI RASTENIY (Notes on systematization and geography of plants)

IIIa References in:

REFERATIVNYY ZHURNAL. BIOLOGIYA (Journal of Abstracts. Biology). Section: Botany.

"Angewandte Botanik" (Applied botany). Berlin-Dahlem. HnF.
Botanical review.

"Flora oder Allgemeine Botanische Zeitung" (Flora or general botanical newspaper). Jena.
3.7.12.16.18.21.24.25.77.82.93. BGK. F₁. HnI. IFN.

"Fortschritte der Botanik" (Advances in botany). Berlin, Goettingen, Heidelberg: Springer. HnI.

Grana Palynologica. 38.

Review of applied mycology. Kew, Surrey. HnI.

"Zeitschrift fuer Botanik" (Periodical for botany), Stuttgart
5.7.12.16.21.24.25.77.82.93. BGK. F₁. HnI. IFN.

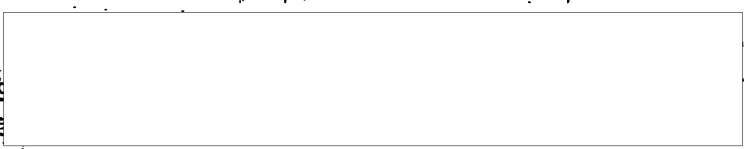
"Zentralblatt fuer Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene" (Central newspaper for bacteriology, parasitology, contagious diseases and hygiene). Stuttgart.

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Each issue contains 1-2 research reports, in which the technical literature is being abstracted on an international scale. The references at the end of each report list also Soviet literature.

- 1a.5.6.7.8.12.16.18.21.24.29.38M.77.91.95.
- BASF. BFL. BGK. BI. F₁. FH. HnI. IFU. MPIV.

IIIb. Bibliography:

LEBEDEV, D.V.: VVEDENIYE V BOTANICHESKUYU LITERATURU SSSR. POSOBIYE DLYA GEOBOTANIKOV (Introduction to the botanical literature of the USSR. Manual for geobotanists). Moskva, Leningrad 1956. Covers the literature of the past 25 years not only of geobotany, and floristics, but also of geography, geology, geomorphology, climatology, meteorology and forestry. Arranged by subject with a register of authors and anonymous titles.

F₁.

Personal Bibliography:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. SERIYA BIOLOGICHESKIKH NAUK.BOTANIKA (Materials for the biobibliography of USSR scientists. Biological science series. Botany). Vyp. 4ff. Moskva 1953ff.

1a.7.18.

The series list biographies with attached subjective and objective personal bibliographies of Russian and Soviet botanists.

RUSSKIYE BOTANIKI (Russian Botanists) Vol. 1-4. Moskva 1947/52.

1a.7.18.

Biographical encyclopedia of Russian botanists with bibliography.

N. Zoology:

a) General Zoology:

II. Non-Translated Periodicals:

CHTENIYA PAMYATI NIKOLAYA ALEKSANDROVICHHA KHOLODKOVSKOGO (Lectures in memorium of Nikolai Alexandrovitch Kholdkovski)

FAUNA SSSR. NOVAYA SERIYA (Fauna of the USSR. New series)

MATERIALY PO ISTORII FAUNY I FLORY KAZAKHSTANA (Materials on the history of fauna and flora of Kazakhstan)

1a.12.F₁.

MATERIALY K POZNANIYU FAUNY I FLORY SSCR. OTDELENIYE ZOOLOGICHESKOYE (Research materials of fauna and flora of the USSR. Zoological section)

F₁.

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OPREDELITELI PO FAUNE SSSR, ISDAVAYEMYE ZOOLOGICHESKIM
INSTITUTOM (Encyclopedias of the fauna of the USSR. Published by
the zoological institute) 1a.7.12.

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PARAZITOLOGICHESKIY SBORNIK (Parasitological Col-
lection) 1a.7.B843M. F₁.

TRUDY INSTITUTA MORFOLOGII ZHIVOTNYKH IMENI A.N. SEVERT-
SOVA AKADEMII NAUK SSSR (Proceedings of the Institute for morphology
of animals imeni A.N. SEVERTSOV of the Academy of Sciences of the
USSR) 1a.18. F₁.

TRUDY INSTITUTA ZOOLOGII (Proceedings of the Institute
of zoology)

TRUDY INSTITUTA ZOOLOGII I BIOLOGII (Proceedings of the
Institute of zoology and biology)

TRUDY PROBLEMNYKH I TEMATICHESKIKH SOVESHCHANIY ZOOLO-
GICHESKOGO INSTITUTA AKADEMII NAUK SSSR (Proceedings of the confer-
ence problems and themes of the Zoological Institute of the Academy
of Sciences of the USSR) F₁.

*TRUDY ZOOLOGICHESKOGO INSTITUTA AKADEMII NAUK SSSR
(Proceedings of the Zoological Institute of the Academy of Sciences
of the USSR) 1a.12. F₁.

ZBIRNIK PRATS ZOOLOGICHNOGO MUZEYU (Collection of works
of the zoological museum) F₁.

ZHIVOTNYY MIR SSSR (Animal Life of the USSR) 18.

*ZOOLOGICHESKIY ZHURNAL (Zoological journal)
1a.12.21. F₁. H. 105. SV.
Since 1956 it has as a supplement resumés in western
languages.

ZVERI SSSR I PRILEZHASHCHIKH STRAN (Animals of the USSR
and bordering countries)

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b) Entomology:

II. Non-Translated Periodicals:

*ENTOMOLOGICHESKOYE OBOZRENIYE (Entomological review)
is the continuation of RUSSKOYE ENTOMOLOGICHESKOYE OBOZRENIYE
(Russian entomological review)

1a.F₁.

Since 1956 it has resumés in Western languages.

NAUCHNIYE TRUDY INSTITUTA ENTOMOLOGII I FITOPATOLOGII
(Scientific proceedings of the institute for entomology and phyto-
pathology)

F₁.

TRUDY VSESOYUZHNOGO ENTOMOLOGICHESKOGO OBSHCHESTVA
(Proceedings of the All-Union entomological society)

F₁.

IIIa. References in:

Review of applied entomology. London.

HnI.

c) Ichthyology

II. Non-Translated Periodicals:

TRUDY SOVESHCHANIY. IKHTIOLOGICHESKAYA KOMISSIYA (Pro-
ceedings of the meetings. Ichthyological commission)

18.

-73-

VOPROSY IKHTIOLOGII (Problems of Ichthyology)

1a.F₁.

d) Helminthology

I. Summarizing report:

HOERNING, B.: Soviet Helminthology. 1957. (Report of the
East European Institute of the Free University Berlin. In printing).

II. Non-Translated Periodicals:

OSNOVY CESTODOLOGII (Foundations of Cestodology)

1a.

OSNOVY NEMATODOLOGII (Foundations of Nematodology)

STAT

TRUDY GEL'MINOLOGICHESKOY LABORATORII AKADEMII NAUK SSSR
(Proceedings of the Helminthological laboratory of the Academy of
Sciences of the USSR)

1a.B843M. F₁.

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TRUDY VSESOYUZHNOGO INSTITUTA GEL'MINTOLOGII (Proceedings of the All-Union Institute of helminthology)

F₁.

IIIb. Bibliography:

Annales de la Société entomologique de France (Annals of the Entomological society of France). Paris.

1a.5.7.12.16.18.188.F₁.

Helminthological Abstracts

The Zoological Record. Ed. Zoological Society of London. Vol. 1ff.: 1864ff. London. 1865ff.

1a.7.8.12.16.21.24.

Appears yearly as a thick annual volume. It also lists among the international literature Soviet zoological monographs and articles. Systematically arranged. Within the systematical group it is alphabetically arranged according to the author. A complete author's register is missing.

4. Engineering

A. General

I. Translated Periodicals and Columns:

AVTOMATIKA I TELEMEXHANIKA (Automation and Remote Control)

17. AEG. ZSH.

translated under the title: Automation and Remote Control. 1956ff. Appears in 12 issues annually.

-74-

"Berichte der Deutschen Volkswirtschaftlichen Gesellschaft" (Reports of the German Political Economy Society) e.V. Nr. 1/2ff. (Hamburg 20, Heilwigstr. 118) Hamburg 1956ff.

Todate 45 reports have appeared which are translations from the Soviet original works and they cover automation (report Nr. 24/25), fuel supply, electric power industry, crude oil industry, work productivity in machine construction, etc.

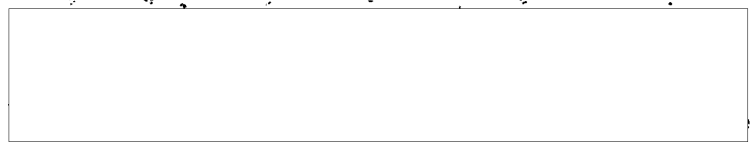
A survey concerning the technical-industrial development of the USSR through comparison of the years 1913, 1928, 1940 and 1955 is provided by the Library of Congress under the title:

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-74-

National Economy of the USSR. A statistical compilation (NARODNOYE KHOZYAYSTVO)SSSR). Washington 1956.

According to Elizabeth Beyer¹⁾, there are many translation service offices within the government of the USA, but they are not accessible.

II. Non-Translated Periodicals:

AVTOMATIKA (Automation)

BYULLETEN' KOMITETA TEHNICHESKOY TERMINOLOGII AKADEMII NAUK SSSR (Bulletin of the Committee for technical terminology of the Academy of Sciences of the USSR)

EESTI NSV TEADUSTE AKADEEMIA TOIMETISED. IZVESTIYA AKADEMII NAUK ESTONSKOY SSR. TECHNILISTE JA FÜÜSIKALI-MATEMAATILISTE TEAPUSTE SERIYA. SERIYA TEHNICHESKIKH I FIZIKO-MATEMATICHESKIKH NAUK (Bulletin of the Academy of Sciences of the Estonian SSR. Series of technical and physico-mathematical sciences).

INFORMATSIONNYY TEHNICHESKIY SBORNIK (Technical Information Collection)

*INZHENERNYY SBORNIK (Engineering Collection) 89.91.93.

IZVESTIYA AKADEMII NAUK ARMYANSKOY SSR. SERIYA TEHNICHESKIKH NAUK (News of the Armenian Academy of Sciences. Technical sciences series)

IZVESTIYA AKADEMII NAUK BELORUSSKOY SSSR. SERIYA FIZIKO-TEHNICHESKIKH NAUK (News of the Academy of Sciences of the Belorussian SSSR. Physico-technical science series)

*IZVESTIYA AKADEMII NAUK SSSR. OTDELENIYE TEHNICHESKIKH NAUK (News of the Academy of Sciences of the USSR. Section of Technical sciences) 89.93. AEG. Du6. E₁. LeI.VDMA.

Individual articles are listed in English translation by the Consultants Bureau, New York.

1) a.a.o.



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IZVESTIYA AKADEMII NAUK UZBEKSKOY SSR. SERIYA TEKHNIЧЕСKAYA
(News of the Academy of Sciences of the Uzbek SSR. Technical series)

IZVESTIYA KAZANSKOGO FILIALA AKADEMII NAUK SSSR. SERIYA
FIZIKO-MATEMATICHESKIKH I TEKHNIЧЕСKIKH NAUK (News of the Kazan branch
of the Academy of Sciences of the USSR. Series of physico-mathematical
and technical sciences)

*MEKHANIZATSIYA (Mechanization)

SBORNIK STATEY. URAL'SKIY POLYTEKHNIЧЕСKIY INSTITUT IMENI
S.M. KIROVA (A collection of articles. Ural polytechnical institute
imeni S.M. KIROV).

*STANDARTIZATSIYA (Standardization)

TRUDY INSTITUTA YESTESTVOZMANYIYA I TEKHNIKI AKADEMII NAUK SSSR
(Proceedings of the Institute of natural science and engineering history
of the Academy of Sciences of the USSR)

TRUDY PO ISTORII TEKHNIKI (Proceedings on the history of
engineering)

89.

TRUDY LENINGRADSKOGO POLITEKHNIЧЕСKOGO INSTITUTA (Pro-
ceedings of the Leningrad Polytechnical Institute)

VESCHI AKADEMII NAVUK BELARUSSKAY SSR. SERIYA FIZIKA-TEKHNIЧ-
NYKH NAVUK (News of the Academy of Sciences of Belorussian SSR. Physico-
technical science series)

VOPROSY ISTORII YESTESTVOZMANYIYA I TEKHNIKA (Problems of
natural sciences and engineering history)

12.

*ZAVODSKAYA LABORATORIYA (The factory laboratory)

Du6. SV.

Individual articles are translated into English by the
Consultants Bureau, New York.

IIIa. References in:

Apercu de la Press technique

Battelle Technical Review. Columbus.

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In the Section "Batelle technical review abstracts" Soviet
works with annotations are also included.

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BYULLETEN' TEKHNICHESKOY INFORMATSII (Periodical
of technical information)

DOCUMENTARE TEHNICA (Technical documentation).

Vol. 1ff. Bucuresti 1949ff.

Published by the Rumanian institute for technical docu-
mentation. Appears monthly. Arranged according to subject, including
the documentation number.

The Engineer's Digest.

Engineering Index.

"Inhaltsverzeichnisse sowjetischer Fachzeitschriften"
(Index of Soviet technical periodicals). R.6.: engineering, traffic,
trade. Berlin: Central Office for scientific literature 1952ff.

"Technik" (Engineering). Berlin: VEB Publishing House
Technik.

"Technisches Zentralblatt" (Technical Central Newspaper).
Berlin. 91. BASF. BI. Du28.

"VDI-Zeitschrift" (VDI-Journal) Du23.

IIIb. Bibliography:

DANILEVSKIY, V.V., RUSSKAYA TEKHNICHESKAYA LITERATURA
PERVOY CHETVERTI XVIII VEKA (Russian technical literature of the first
quarter of the 18th century). Moskva 1954.

"Indexbuecher der Technik" (Index books of Engineering)
Muenchen: Documentation of Engineering 1955ff. A lose-leaf edition
which is being continuously supplemented.

ISTORIYA TEKHNIKI. BIOGRAFICHESKIY UKAZATEL' (History of
Engineering. Bibliographical index). Moskva 1950ff.

Indexes of unpublished technical translations are published
by the Central Office for scientific literature, Berlin W 8, Unter den
Linden 8, under the title:

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"Liste unveroeffentlichter Uebersetzungen aus allen Sprachen. Technik" (List of unpublished translations from all languages. Engineering). Berlin 1953ff.

Appears annually, beginning with the literature of the years 1946/47ff.

A compiled list of all the available translations in the central office, in the fields of engineering appeared in 1955 and covers 1,602 titles, which are arranged according to subject.

MEZHENKO, Yu.A.: RUSSKAYA TEKHNIЧЕСKAYA PERIODIKA 1800-1916 GG. BIBLIOGRAFICHESKIY UKAZATEL' (Russian technical Periodica 1800-1916. Bibliographical index.) Moskva 1955.

NAUKOVI PRATSI UCHENIKH L'VOVA. TEKHNIKA, PRIKLADNAYA MEKHANIKA (Scientific works of the L'vov scientists. Engineering and applied mechanics). L'vov 1956.

PERIODICHESKAYA PECHAT', SSSR 1917 - 49 GG. BIBLIOGRAFICHESKIY UKAZATEL' (The Periodica of the USSR, 1917-1949. Bibliographical Index)

"Zeitschriftenbestandverzeichnisse: Technik" (Periodical indexes: Engineering). Berlin 1953. 83. AEG.

Lists systematically the supply of technical periodicals in the German-State Library of Berlin. The 2nd edition, which appears as a supplement to the Technical central newspaper in 1957, will cover 2,500 titles, of these many are Soviet.

JHURNALY, TRUDY BYULLETENI PO TEKHNIKE I PROMYSHLENNOSTI, 1917-1949 GG (The technical and industrial Periodica of the USSR, 1917-49). Moskva 1955.

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IIIc. Documentation:

Associated Technical Services, P.O. Box 271, East Orange/ New Jersey.

Supplies lists of technical translations. Publishes abstracts from 5 technical Soviet periodicals.

lle Institute, Frankfurt/Main

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Brookhaven National Laboratory. Technical Information.
Publishes Semi-annual Index to translations. 1953ff.

Indexes only technical translations which usually originate from the periodicals and reports of the Academy of Sciences of the USSR. Its predecessor was the Guide to Russian Scientific Periodicals. 1948-1952.

"Bundesanstalt fuer Materialpruefung" (Federal office for testing of materials). Berlin-Zehlendorf, Unter den Eichen 87.
Has a file.

~~Centre National de la Recherche Scientifique~~ (National Center for scientific research). Paris.

Columbia Technical Translations, 561 West 141th Street, New York 31, N.Y. American Center for the translation of Soviet periodicals into English.

Consultants Bureau, 227 West 17th Street, New York 11, N.Y. Publishes translations from natural science, technical and medical periodicals.

"Deutsche Volkswirtschaftliche Gesellschaft e.V." (German Federal Industrial Society e.V.) Harburg 20, Heilwigstr. 118.
Publishes translations of technical and industrial articles.

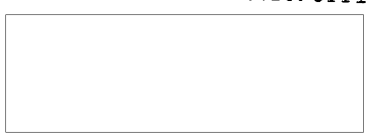
"Dokumentation der Technik" (Documentation of Engineering) Muenchen 8, Zweibrueckenstr. 24.
Monthly lists of approximately 1,000 - 1,500 titles which can be received in 58 technical fields. Soviet publications in the fields of engineering, industrial management, and political economy are being received since 1950.

INSTITUT DE DOCUMENTARE TECHNICA, (Institute of technical documentation). Bucuresti, Str. Kuibisev, Nr. 27/99.

"Physikalisch-technische Bundesanstalt (Federal physico-technical office), Braunschweig, Bundesallee 100.
Maintains a card index.

"VDI-Zeitschrift" (VDI-Periodical). Editorial staff and documentation office, Duesseldorf, Prinz-Georg-Str. 77/79.

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"Zentralstelle fuer Wissenschaftliche Literatur" (Central Office for scientific literature), Berlin W 8, Unter den Linden 8 (Compare Section B Ic: "General natural scientific-technical documentation", book page 11f).

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IIIId. Dictionaries or rather Bibliography of Dictionaries:

Bibliography of interlingual scientific and technical dictionaries. 3rd ed. enlarged. Paris 1953.

Published by Unesco. Author: John Edwin HOLMSTROM.

CARPOVICH, Eugene B.: Russian-English polytechnical (science and engineering) dictionary. In preparation.

COLLISON, R.L.W.: Dictionaries of foreign languages. A bibliographical guide to the general technical dictionaries of the chief foreign languages with historical and explanatory notes and references. London 1955.

83.89.

SBORNIKI REKOMENDUYEMYKH TERMINOV (Collections of recommended terminology)

A list of translated book titles which contain Russian definitions of technical ideas. Compare Monthly Bulletin on Scientific Documentation and Terminology. 1955, Nr. 3.

Bs68.

STYCHNOFF, Alexej: Technical Russian. 3rd ed. 1952.

Technical glossaries and dictionaries. (Additional) Suppl. Nr. 1. London 1952/53. Published by the Science Museum, London.

Photocopies of microfilms on desired ideas with their definitions can be obtained through: Service Photographique, Centre de Documentat.on, Centre National de la Recherche Scientifique, 16 rue Pierre Curie, Paris 5e.

B. Technical Measuring

II. Non-Translated Periodicals:

IZMERITEL'NAYA TEKHNIKA (Measuring Engineering)

89.

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C. Applied Mathematics and MechanicsI. Translated Periodicals:

Articles in the fields of applied physics, which appear in

DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of the USSR)

1a.5.7.12.16.18.21.38.82.83.89.93.250..

BGK. B23. B843M. Bs68. Du6. F₁. FHI. LeI. SV. Wi6.

ia being translated by the Consultants Bureau, New York, and compiled into a periodical under the title: Proceedings of the Academy of Sciences of the USSR. Applied physical sciences. 1956ff.

TEORIYA VEROYATNOSTI I YEYE PRIMENENIYE (Theory of probabilities and its application) Bs68.

Translated by the Consultants Bureau, New York, under the title: Theory of probabilities and its application. Announced for 1957/58ff.

-79-

II. Non-Translated Periodicals:

GEODEZIYA I KARTOGRAFIYA (Geodesy and cartography) 1a.83.

*PRIKLADNAYA MATEMATIKA I MEKHANIKA (Applied mathematics and mechanics) 1a.83.89.93. Bs68.

SBORNIK VSESOYUZHNOGO NAUCHNO-ISSLEDOVATEL'SKOGO MARKSHEYDER-SKOGO INSTITUTA (Collection of the All-Union scientific-research Marksheide institute).

TRUDY SEKTORA MATEMATIKI I MEKHANIKI (Proceedings of the sector of mathematics and mechanics)

TRUDY SEMINARA PO VEKTERNOMU I TENZORNOMU ANALIZU, IKH PRILOZHENIYAMI K GEOMETRIYE, MEKhanIKE I FIZIKE (Proceedings of the seminar for vector and tensor analysis and their application to geometry, mechanics and physics) 1a.7.

UCHENIYE ZAPISKI PO STATISTIKE, SBORNIK (Scientific notes on statistics. Collection)

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VESTNIK LENINGRADSKOGO UNIVERSITETA. SERIYA MATEMATIKI
MEKHANIKI I ASTRONOMII (Herald of the Leningrad University. Mathe-
matics, mechanics and astronomy series) 1a.5.12.29.F₁.

VESTNIK STATISTIKI (Statistical Herald) 12.12.38.282.

VOPROSY DINAMIKI I DINAMICHESKOY PROCHNOSTI (Problems
of dynamics and dynamical stability)

VYCHISLITEL'NAYA MATEMATIKA I VYCHISLITEL'NAYA TEKHNIKA
(Computing mathematics and methods of calculation)

IIIa. References in:

REFERATIVNYY ZHURNAL. MEKHANIKA (Journal of Abstracts.
Mechanics). Published by the institute for scientific information,
Moskva. 7.17. 1e1.

Translated by the British Ministry of Supply under the
title: Soviet Abstracts. Mechanics. At the same time the translation
is also provided by the National Science Foundation, Washington, under
the title: Mechanics. Journal of Abstracts.

REFERATIVNYY ZHURNAL. ASTRONOMIYA I GEODEZIYA (Journal
of Abstracts. Astronomy and geodesy) Hc49.

Applied Mechanics Review. Southwest Research Institute.
San Antonio 6 (Texas). Du28.

Revue générale de mécanique (General review of engineering).

-80-

IIIb. Bibliography:

ALEKSEYEVA, V.P.: MATEMATIKA I MEKHANIKA V IZDANIYAKH
AKADEMII NAUK SSSR (Mathematics and mechanics in the publications
of the Academy of Sciences of the U.S.R). 2: 1956-194738. Moskva 1955. 7.

Bibliography géodésique internationale (International
bibliography of geodesy).

KARTOGRAFICHESKAYA LETOPIS 1941-50 (Cartographical
bibliography 1941 to 1950). Moskva 1953.

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MATERIALY K BIOBIBLIOGRAPII UCHENYKH SSSR. SERIYA
TEKHNICHESKIKH NAUK. MEKHANIKA (Materials for the biobibliography
of the scientists of the USSR. Technical science series. Mechanics).

The series lists biographies with attached subjective and
objective personal bibliographies of the Russian and Soviet mechanical
engineering scientists.

"Titelliste" (Title list) Published by the literature
office of DFG (German research society) Commission at the Institute
for practical mathematics at the TH (Technical College) Darmstadt.

IIIc. Documentation:

"Hessisches Landesamt fuer Bodenforschung" (Hessian Land
Office for Soil Research), Wiesbaden, Mainzer Str. 25

Maintains card indexes and new acquisition lists.

IIId. Dictionaries, or rather Bibliography of Dictionaries:

Atomic and Engineering Physics Glossary. New York:
Consultants Bureau. Announced for 1957.

SLOWNIK GEODEZYCZNY (Dictionary of geodesy). Warszawa 1956.
4,813 Polish geodetical expressions in English, French
and Russian.

D. Technical Physics

I. Translated Periodicals:

Articles in the fields of applied physics in

DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences
of the USSR)

1a.5.7.12.16.18.21.38.22.83.89.93.250.

BGK. B23. B843M. Bs68. Du6. F₁. FHI. Le1. W16.

is being translated by the Consultants Bureau. New York, and
compiled under the title: Proceedings of the Academy of Sciences of
the USSR. Applied physical sciences. Announced for 1957. They cover
reports in the fields of biophysics, crystallography, electrical
engineering, hydraulics, hydromechanics, mechanics, mineralogy, and
the theory of elasticity. Will appear twice monthly.

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*ZHURNAL TEKHNIЧЕСКОY FIZIKI (Journal of technical physics) 7.8.89.91. Bs68. Du6. LeI.

Translated under the title: Soviet Physics - Technical Physics. 1956ff. Published by the American Institute of Physics, 335 East 45 Street, New York, New York. 89.

The International Journal of applied radiation and isotopes. Vol. 1ff. New York, London, 1956ff.

One of the co-publishers is Prof. V.N. KONDRATJEV of the Academy of Sciences of the USSR, so that full cooperation with the Soviet Union can be had.

II. Non-Translated Periodicals:

PRIBORY I TEKHNIKA EKSPERIMENTA (Apparatuses and techniques for experiments)

TRUDY FIZIKO-TEKHNIЧЕСКОГО INSTITUTA (Proceedings of the physico-technical institute)

TRUDY GIDRAVLICHESKOY LABORATORII (Proceedings of the hydraulic laboratory)

TRUDY URALO-EMBERSKOY NAUCHNO-ISSLEDOVATEL'SKOY BAZY (Proceedings of the scientific research base of Ural-Embensk)

IIIa. Abstracts in:

REFERATIVNIY ZHURNAL. MEKHANIKA (Journal of Abstracts. Mechanics). Published by the Institute for scientific information, Moskva. 7.17.LeI.

Translated by the British Ministry of Supply under the title: Soviet Abstracts. Mechanics.

IIIc. Documentation:

"Physikalisch-technische Bundesanstalt" (Federal Physico-technical Office), Braunschweig.

Maintains a card index.

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E. Mining. Fuel Production

I. Translated Periodicals:

KHIMIYA I TEKHOLOGIYA GORYUCHIKH (Chemistry and technology of fuels)

Translated by the Consultants Bureau, New York, under the title: Chemistry and technology of fuels. 1957ff.

KOKS I KHIMIYA (Coke and chemistry)

Translated by the Consultants Bureau, New York, under the title: Coke and chemistry. 1957ff.

*NEFTYANOYE KHOZYAYSTVO (The petroleum industry)

Translated by the Consultants Bureau, New York, under the title: Oil Industry. Announced for 1957.

-82-

Compiled works:

"Die Brennstoffversorgung als Kostenfaktor in der sowjetischen Industrieproduktion" (Fuel supply as a cost factor in the Soviet industrial production). Published by the German Political Economy Society. Hamburg 1956. (Report Nr. 21).

"Die Sowjetische Erdolindustrie - Stand, Entwicklung und Aufgaben" (Soviet oil industry - position, development and tasks. Published by the German Political Economy Society. Hamburg 1956. (Report Nr. 16/17).

"Wege zur Erhoehung der Arbeitsproduktion in Kohlenbergbau" (Ways for increasing work productivity in coal mines). Published by the German Political Economy Society. Hamburg 1956. (Report Nr. 8/9).

II. Non-Translated Periodicals:

BOR'BA S SILIKOZOM. SBORNIK STATEY (Fight against silicosis. A Collection of articles).

*ENERGETICHESKIY BYULLETEN' MINISTERSTVA NEFTYANOY PROMYSHLENNOSTI (Bulletin of power engineering of the Ministry for the petroleum industry).

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GEOLOGIYA NEFTI (Geology of petroleum)

*GORNYY ZHURNAL (Mining Journal)

104.Du6.E1. GDM.

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA GORNOGO DELA, METALLURGI I OBOGASHCHENIYA STROYMATERIALOV (News of the Academy of Sciences of the Kazakh SSR. Mining, metallurgy and building material preparation series).

7.B843W.

MASTER UGLYA (The coal specialist)

NAUCHNYYE TRUDY. MOSKOVSKIY GORNYY INSTITUT IMENI I.V. STALINA (Scientific proceedings. The Moskva Mining Institute imeni J.V. STALIN).

PODZEMNAYA GAZIFIKATSIYA UGLEY (Subterranean gasification of coal)

SHAKHTNOYE STROITEL'STVO (Mine construction)

*TORTYANAYA PROMYSHLENNOST' (The peat industry)

98.

TRUDY ALTAYSKOGO GORNO-METALLURGICHESKOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA (Proceedings of the Altay mining and metallurgical scientific research institute)

TRUDY GORNO-GEOLOGICHESKOGO INSTITUTA. URAL'SKIY FILIAL AKADEMII NAUK SSSR (Proceedings of the mining and geological institute. The Ural branch of the Academy of Sciences of the USSR)

1a.7.

TRUDY. INSTITUT IZPOL'ZOVANIYA GAZA V KOMMUNAL'NOM KHOZYAYSTVO I PROMYSHLENNOSTI (Proceedings of the institute for the utilization of gas in the communal economy and industry).

TRUDY INSTITUTA GORYUCHIKH ISKOPAYEMYKH (Proceedings of the institute of mineral fuels).

*TRUDY INSTITUTA GORNOGO DELA (Proceedings of the Mining Institute)

104.

TRUDY INSTITUTA NEFTI AKADEMII NAUK SSSR (Proceedings of the institute of petroleum of the Academy of Sciences of the USSR)

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TRUDY MINISTERSTVA NEFTYANOV PROMYSHLENNOSTI SSSR
(Proceedings of the Ministry of the petroleum industry of the
USSR) 7.

TRUDY. MOSKOVSKIY ORDENA TRUDOVOGO KRASNOGO ZNAMYNI
NEFTYANOV INSTITUT IMENI I.K. GUBKINA (Proceedings of the Moskva
petroleum institute imeni I.K. GUBKIN). 7.

TRUDY. NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT GEOPHIZICHESKIKH
I GEOKHIMICHESKIKH METODOV RAZVEDKI. MINISTERSTVO NEFTYANOV
PROMYSHLENNOSTI (Proceedings of the scientific research institute
for geophysical and geochemical methods of exploration. Ministry
of the petroleum industry). 7.

TRUDY. VSESOYUZNIY NAUCHNO-ISSLEDOVATEL'SKIY GEOLOGO-
RAZVEDOCHNIY NEFTYANOV INSTITUT (Proceedings of the All-Union
scientific research Geologo-surveying institute of petroleum) 1a.7.

*UGOL' (Coal) 104. B843W. E₁. VDMA.

ZA EKONOMIYU TOPLIVA (For the economy of fuel)

ZAPISKI LENINGRADSKOGO GORNOGO INSTITUTA. GORNAYA
MEKHANIKA (Notes of the Leningrad Mining Institute. Mining
mechanics) 104.

IIIa. Abstracts in:

articles Selectionnes (Selected articles).

Luxembourg.

Published by the European Society for coal and steel.

"Bergbau - Technik" (Mining - Engineering). Berlin:
VEB Publishing House Technik (Engineering) Du28.

"Erdoel und Kohle" (Oil and Coal). Hamburg.
82.83.84.89.90.91.93.104. BASF. BGK. BI. B43. Bs68.
Du28. E₁. ETZ. FH. MPIK. Stg4. VDMA.

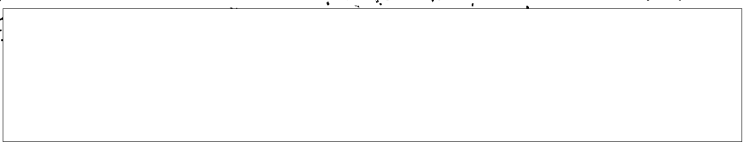
"Glueckauf". Essen.

"Hinweise auf neuere Zeitschriftenaufsaetze" (Hints on
new periodical articles). Published by the mining library, Essen. STAT

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I.M.M. Abstracts. Published by the Institute of Mining and Metallurgy, London,

"Montanwissenschaftliche Literaturberichte" (Scientific reports on mining).

Abstracts, organ for the technical fields of mining sciences. Mining Section: Production, preparation and refining of raw materials. Berlin: Academic Publishing House.

A monthly supplement to the "Freiberger Forschungshefte" ("Freiberger Research Booklets"). For each year there is an author's, subject and patent register.

-84-

"Zeitschrift fuer Erzbergbau und Metallhuettenwesen" (Periodical for ore mining and metal works) (Section: From other periodicals).

82.83.89.90.91.93.104. BASF. B43. Du28. E₁. FH. VDMA. ZI.

IIIb. Bibliography:

Annotated Bibliography of Economic Geology. Urbana/III.

16.

New acquisitions, in the periodical "Bergakademie" (Mining Academy). Appears monthly.

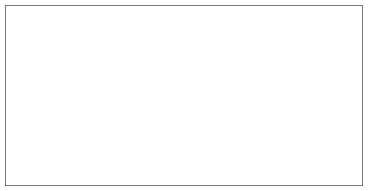
IIIc. Documentation:

"Bergbau-Buecherei" (Mining-Library), Essen, Friedrichstr. 2

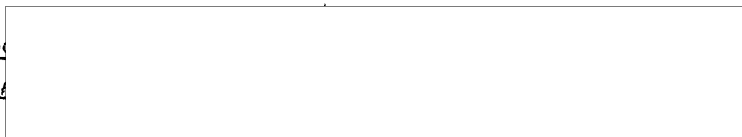
British Coal Util. Research Association, 13, Grosvenor Gardens, London SW 1.

Documentation office for preparation and fuel technology of the Mining Academy Freiberg in Saxony. There is also a translation office with translation and editorial staff.

"Gesellschaft Deutscher Metallhuetten- und Bergleute e.V." (Society of German metal works and mining people e.V.), Clausthal-Zellerfeld. Maintains a card index.



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Informationsdienst fuer Lagerstaettenkunde und Bergwirtschaft" (Information service of mineral deposit and mining sciences). Published by H. QUIRING.

MEYER, Charles A. & Co.; 25 Vanderbilt Avenue, New York 18, N.Y., has over 40 translations in the fields of oil technology.

"Steinkohlenbergbauverein" (Coal Mining Union), Translation office, Essen.

Central Office for scientific literature, Berlin W 8, Unter den Linden 8, publishes papers on the following subjects:

- Mining and metallurgy
- Mining Engineering
- Mine surveying and science of mining damage
- Dressing (Coal, ore, salt, stones and earth)
- Technology of fuel
- Technology of potash and of related salts

Index cards can be ordered in DIN A format.

F. Metallurgy. Metal Processing

I. Translated Periodicals:

*METALLURG (The metallurgist)

Du6.

Appears in the English language, translated by the Consultants Bureau, New York, under the title: Metallurgist. 1957ff. Published monthly.

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Compilation:

Possibilities for better utilization of production reserves in the iron steel works industry of the Soviet Union. Published by the German Political Economy Society. Hamburg 1956. (Report Nr. 10/11)

II. Non-Translated Periodicals:

AVTOGENNOYE DELO (Oxyacetylene welding)

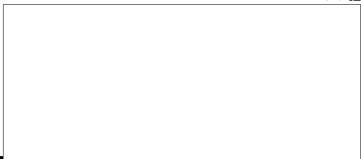
*AVTOMATICHESKAYA SVARKA (Automatic welding)

Du6.DVS.VDMA.

TSVETNYYE METALLY (Nonferrous metals)

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GDM.

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*FIZIKA METALLOV I METALLOVEDENIYE (The physics of metals and metal science) 93.

ISSLEDOVANIYA SPLAVOV TSVETNYKH METALLOV (Research in alloys and of nonferrous metals)

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA GORNOGO DELA, METALLURGII, ARCHITEKTURY I STROYMATERIALOV (News of the Kazakh Academy of Sciences. Mining, metallurgy, architecture and construction material series) 7. B843W.

*IZVESTIYA SEKTORA PLATINY I DRUGIKH BLAGORODNYKH METALLOV (News from the platinum and other rare metals sectors) 93.

*LIFEYNOYE PROIZVODSTVO (Foundry production) 82. VDMA.

*METALLOVEDENIYE I OBRABOTKA METALLOV (Metal science and metal processing)

OBORUDOVANIYE I TEKHNOLGIYA STAMPOVKI I KOVKI. SBORNIK. (Tooling and technology of stamping and smithing. A collection).

OBRABOTKA METALLOV DAVLENIYEM (The processing of metals thru pressing)

SBORNIK. MOSKOVSKIY ORDENA TRUDOVOGO KRASNOGO ZNAMENI INSTITUT STALI IMENI I.V. STALINA (A Collection. Moscow steel institute imena I.V. STALIN).

SBORNIK NAUCHNYKH RABOT INSTITUTA METALLOFIZIKI (Collection of scientific works of the institute of metal physics)

SBORNIK NAUCHNYKH TRUDOV. GOSUDARSTVENNYY NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT TSVETNYKH METALLOV (Collection of scientific works. State scientific research institute of non-ferrous metals)

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Corrosion. Nat. Ass. of Corrosion Engineers.
Houston 2, Texas.

"Giesereitechnische Literaturschau" (Review of foundry
literature) (earlier GBZP).

Glueckauf, Essen.

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I.A.M. Abstracts. Published by the Institute of
Mining and Metallurgy. London.

Journal of the Institute of Metals. London.

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products and electroplating industry). Section: Archive for metal
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sciences. Section B: Metallurgy. Berlin: Academic Publishing House.

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*SVAROCHNOYE PROIZVODSTVO (Welding practice) DVS.

TRUDY ALTAYSKOGO GORNO-METALLURGICHESKOGO NAUCHNO-
ISSLEDOVATEL'SKOGO INSTITUTA (Proceedings of the Altay scientific
research institute for mining and metallurgy)

TRUDY PO AVTOMATICHESKOY SVARKE POD FLYUSOM. SBORNIK.
(Proceedings on automatic welding under flux. A Collection)

TRUDY INSTITUTA KHIMII I METALLURGII. URAL'SKIY
FILIAL AKADEMIY NAUK SSSR (Proceedings of the institute of
chemistry and metallurgy. The Ural branch of the Academy of
Sciences of the USSR) 1a.7.82.93.

TRUDY INSTITUTA FIZIKI METALLOV URAL'SKOGO FILIALA
AKADEMIY NAUK SSSR (Proceedings of the Metal Physics Institute
of the Ural branch of the Academy of Sciences of the USSR) 7.

TRUDY INSTITUTA METALLURGII IMENI A.A. BAYKOVA AKADEMIY
NAUK SSSR (Proceedings of the metallurgical institute imeni
A.A. BAYKOV of the Academy of Sciences of the USSR)

TRUDY KOMISSII PO BOR'BE S KORROZIYEV METALLOV
(Proceedings of the commission for the combat of corrosion of metals)

TRUDY SEKTSII PO NAUCHNOY RAZRABOTKE PROBLEM, ELEKTR-
SVARKI I ELEKTROTHERMII (Proceedings of the section for scientific
consideration of the problem of electro-welding and electrothermics)

TRUDY SEMINARA PO KACHESTVU POVERKHNOSTI. KACHESTVO
POVERKHNOSTI METALEY MASHIN (Proceedings of the seminar on surface
qualities. The surface quality of machine parts)

VOПРОSY PROCHNOSTI I DEFORMATSII METALLOV I SPLAVOV
(Problems on stability and the deformation of metals and alloys) 17.

FAVODSKAYA LABORATORIYA (The factory laboratory) Du6.SV.

ZHЕЛЕЗНЫЕ СПЛАВЫ (Iron alloys)

IIIa. Abstracts in:

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"Stahl und Eisen" (Steel and Iron). Section:
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Titanium Abstract Bulletin. Vol. 1ff. Birmingham:
Imperial Chemical Industries Ltd. 1955ff.
Appears monthly.

"Werkstoffe und Korrosion" (Materials and corrosion).
Weinheim, Chemie-Publishing-House. Du28.

"Zeitschrift fuer Erzbergbau und Metallhuettenwesen"
(Periodical for ore mining and metal works). Section: "From other
Periodicals".
G2.83.89.90.91.93.104. BASF. B43.Du23. E1. FH. VDLA.ZI.

IIIb. Bibliography:

"Schweisstechnische Literaturkartei" (Technical welding
literature file). Duesseldorf 1956.

Published by the German Society for welding engineering
e.V., Duesseldorf, Harkortstr. 23.

IIIc. Documentation:

British Cast Iron Research Association, Alvechurch,
Birmingham.

German Society for Welding Engineering e.V., Duesseldorf,
Harkortstrasse 23.

Society of German Metal Workers and Miners e.V.,
Clausthal-Zellerfeld.

Maintains index cards.

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Henry Bratcher Technical Translation Services, P.O.Box 157,
Alameda, California.

Has over 600 translations in the field of metallurgy.

Iron and Steel Institute, 4, Grosvenor Gardens, London SW 1.

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Tin Research Institute, Perivale, Middlessex, England.
Has index cards and publishes new acquisition lists.

Branch office of this institute:

Zinn Informationsbuero (Zinn Information office)

Dr. Ing. B. Keysselitz, Duesseldorf, Kasernenstrasse 13.

"Zentralstelle fuer Wissenschaftliche Literatur"
(Central office for scientific literature), Berlin W 8, Unter den
Linden 8, publishes the following papers:

Steel/Iron

NE Metals

Forming of metals by molding

Foundry field

Fire resisting building materials

Mining and metallurgy fields

Index cards can be ordered in the format of DIN A6.

G. Machine Construction

I. Translation:

"Wege zur Erhoehung der Arbeitsproduktivitaet im Maschinenbau"
(ways to increase work productivity in machine construction)

Publi hed by the German Political Economy Society, Hamburg
1956. (Report nr. 20).

II. Non-Translated Periodicals:

ENKLOPEDIYA TEKHNIKA (Refrigeration Engineering)

20.5FL.VDMA.

*ENERGETICHESKIY BYULLETEN' MINISTERSTVO NEFTYANNOY
PROMYSHLENNOSTI (Power Bulletin of the Ministry for the oil
industry)

84.E₁.

ENERGOMASHINOSTROYENIE (Construction of Power Plant
Machinery)

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA ENERGETI-
CHESKAYA (News of the Academy of Sciences of Kazakh SSR. Power
engineering series)

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IZVESTIYA ENERGETICHESKOGO INSTITUTA AKADEMII NAUK SSSR
(News of the power engineering institute of the Academy of Sciences
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KNIGA. TSENTRAL'NIY NAUCHNO-ISSLEDOVATEL'SKIY KOTLOTUR-
BINNIY INSTITUT IMENI I.I. POLZUNOVA (The book. Central scientific
research institute for boiler turbines imeni I.I. POLSUNOV)

KNIGA. MINISTERSTVO TYAZHELOGO MASHINOSTROYENIYA SSSR.
TSENTRAL'NIY NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT TEKHNologii I MASHINO-
STROYENIYA (The book. Ministry for heavy machinery construction
of the USSR. Central scientific research institute for technology
and machine construction).

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KNIGA NAUCHNO-TEKHICHESKOY MASHINOSTROITEL'NOY PROMYSH-
LENNOSTI (Series of books of the scientific-technical machine construct-
ion industry)

*MEKHANIZATSIYA (Mechanization)

MEKHANIZATSIYA I ELEKTRIFIKATSIYA SOTSIALISTICHESKOGO
SEL'SKOGO KHOZYAYSTVO (Mechanization and electrification of socialist
agriculture)

*MEKHANIZATSIYA TRUDOSYEMKIKH I TYAZHELYKH RABOT (Mechani-
zation of tire consuming and heavy work)

PEREDOVOY OPYT NOVYKH MASHINOSTROYENIYA (Advanced ex-
periences gained by new methods in machine construction)

*PRIL OPOSTROYENIYE (Tool construction)

PROIZVODSTVENNYY OPYT V TYAZHELOM MASHINOSTROYENII
(Production experience in heavy-machine construction)

RABOCHIY ENERGETIK (The worker of the power producing
industry)

SBORNIK. MOSKOVSKIY SPANKOINSTRUMENTAL'NIY INSTITUT IMENI
I.V. STALINA No. 1ff (a Collection. Moskva institute for tool
construction imeni J.V. STALIN, No. 1ff.

SBORNIK TRUDOV INSTITUTA STROITEL'NOY MEKHANIKI (Collection STAT
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SBORNIK TRUDOV LABORATORII PROBLEM BYSTROKHODNYKH
MASHIN I MEKHANIZMOV (Collection of the works of the laboratory
for problems of fast moving machines and mechanisms)

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*SEL'KHOMASHINA (The agricultural machine) VDMA.

*STANKI I INSTRUMENT (Machine tools and instruments)
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STROITEL'NOYE I DOROZHNOYE MASHINOSTROYENIYE (Construction
and road construction machine building)

*SVAROCHNOYE PROIZVODSTVO (Welding practice) DVS.

*TEPLOENERGETIKA (Thermopower engineering) 84. Bs68.

TRENIYE I IZNOS V MASHINAKH. SBORNIK (Friction and wear
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*TRUDY INSTITUTA MASHINOVEDENIYA AKADEMII NAUK SSSR
(Proceedings of the Institute for machine construction of the
Academy of Sciences of the USSR). 17.

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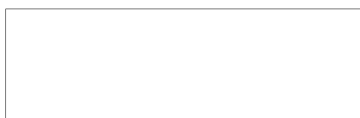
1. SEMINAR PO TEORII MASHIN I MEKHANIZMOV (Seminar on
the theory of machines and mechanisms)

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NYYE ISSLEDOVANIYA MASHIN (Seminar on the theory of
machines and mechanisms. Experimental machine re-
search).

TRUDY INSTITUTA SOORUZHENIY (Proceedings of the institute
for equipment)

TRUDY INSTITUTA TEPLOENERGETIKA (Proceedings of the in-
stitute for power engineering)

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ceedings of the institute for water economy and power). STAT



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TRUDY LABORATORII DVIGATELEY (Proceedings of the
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TRUDY MOSKOVSKOGO ORDENA LENINA ENERGETICHESKOGO
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of the seminar for stability of machine parts)

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BOROSTROYENII) MEKHAНИЗМОВ I MASHIN (Proceedings of the seminar for
precision (in machine and instrument construction) of mechanisms
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TRUDY SOVESHCHANIYA PO AVTOMATIZATSII TEKHOLOGICHESKIKH
PROTSESSOV MASHINOSTROYENII (Proceedings of the conference on
automation of technological processes in machine construction)

*TRUDY SOVESHCHANIYA PO MIKROTVARDOSTI (Proceedings of the
conference on microhardness)

TRUDY VNIIKIMASH. VSESOYUZHNY NAUCHNO-ISSLEDOVATELSKIY
INSTITUT KISLORODNOGO MASHINOSTROYENIYA (Proceedings of the All-
Union scientific research institute for the construction of oxygen
installations)

TRUDY VSESOYUZHNOGO NAUCHNO-ISSLEDOVATELSKOGO INSTITUTA
SIDRA MASHINOSTROYENIYA (Proceedings of the All-Union scientific
research institute for hydro-machinery construction)

*VESTNIK MASHINOSTROYENIYA (Herald of machinery con-
struction)

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VOPROSY DINAMIKI I DINAMICHESKOY PROCHNOSTI (Problems
of dynamics and dynamic stability)

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VOPROSY TEKHNologii MASHINOSTROYENIYA (Problems of
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IIIa. Abstracts in:

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title: Soviet Abstracts. Mechanics.

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17.82.83.89.90.91.93.BASF.BGK.BI.Bs68.E₁.VDMA.

IIIb. Bibliography:

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Series: Machine construction, Control Engineering. Muenchen: Document-
ations of engineering 1955ff. (Are continuously supplemented).

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LITERATURY (The standardization of technological processes as a
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-- IIIc. Documentation:

"Schrifttumskartei und Informationsdienst des V. reins
Deutscher Maschinenbau-Anstalten" (Literature index and information
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Duesseldorf-Oberkassel, Schliessfach 309.

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H. Electro-Engineering

I. Translated Periodicals:

*AVTOMATIKA I TELEMEXHANIKA (automation and remote control)
17. U.S.S.R.

Translated under the title: Automation and Remote Control.
1956ff. Appears monthly.

*RADIOFIZIKA I ELEKTRONIKA (Radio engineering and
electronics)

Translated by the Consultants Bureau, New York, under the
title: Radio Engineering and Electronics. Announced for 1957ff. ZSH.
Individual articles from the Soviet periodical "RADIOTEKHNIKA"
are announced as translations by the Consultants Bureau, New York.

Original works translated into German can be found in the
periodical "Energietechnik" (Power Engineering).

87.84789.AEG.E₁.VDEA.BGK.

II. Non-Translated periodicals:

AVTOMATIKA (Automation)

AVTOMATIKA, TELEMEXHANIKA I SVYAZ' (automation, remote
control and communication) STAT

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17.84.89.AEG.

ELEKTROSVYAZ' (Electric Communication) 91.

*ELEKTRICHESTVO (Electricity) 17.89.AEG.BGK.B843W.ETZ.LeI.

*EMERGETIK (The power engineer) 84.93.ETZ.

*EMERGETICHESKIY BYULLETEM' MINISTERSTVA NEFTYANNY PROMYSH-
LENNOSTI (Power engineering bulletin of the Ministry for the oil
industry) 84.E1.

GIDROTEKHNIЧЕСКОЕ СТРОИТЕЛ'СТВО (Hydrotechnical
construction)

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA ENERGE-
TICHESKAYA (News of the Academy of Sciences of Kazakh SSR. Power
engineering series) 7.

IZVESTIYA ENERGETICHESKOGO INSTITUTA AKADEMII NAUK SSSR
(News of the power engineering institute of the Academy of Sciences
of the USSR) 89.

MECHANIZATSIYA I ELEKT RIFIKATSIYA SOTSIALISTICHESKOGO
SEL'SKOGO KHOZYAYSTVA (Mechanization and electrification of social-
istic agriculture) VDMA.

RABOCHIY EMERGETIK (The worker of the power producing
industry)

*RADIO (Radio) 91.

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RADIOTEKHNIKA (Radio engineering) 89.

SBORNIK NAUCHNYKH RABOT PO PROVODNCY SVYAZI (Collection of
scientific works on telephone engineering) 91.93.

SBORNIK TRUDOV INSTITUTA ELEKTROTEKHNIKI (Collection of
works of the institute for electrical engineering)

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TEKHNIKA KINO I TELEVIDENIYA (Film and television engineering)

TORPYANAYA PROMYSHLENNOSTI. ORGAN MINISTERSTVA ELEKTROSTANTSIY SSSR (Peat industry. Organ of the Ministry for power plants of the USSR)

TRUDY GIDRAVLICHESKOY LABORATORII.VSESOYUZNOGO NAUCHNO-
ISSLEDOVATEL'SKOGO INSTITUTA VODOSNABZHENIYA, KANALISATSII, GIDRO-
TEKHNICHESKIKH SOORUZHENIY I INZHENERNYKH GIDROKONSTRUKTSIY (Pro-
ceedings of the hydraulic laboratory of the All-Union scientific
research institute for water supply, sewer systems and hydrotechnical
installations)

TRUDY INSTITUTA VODNOGO KHOZYAYSTVA I ENERGETIKI (Pro-
ceedings of the institute for water economy and power)

TRUDY MOSKOVSKOGO ORDENA LENINA ENERGETICHESKOGO INSTITUTA
IMENI V.M. MOLOTOV (Proceedings of the power engineering institute
imeni V.M. MOLOTOV)

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TRUDY SOVESHCHANIYA PO AVTOMATISATSII TEKHOLOGICHESKIKH
PROTSESSOV V MASHINOSTROYENIYE (Proceedings of the conference on
automation of technological processes in machine construction)

VESTNIK ELEKTRPROMYSHLENNOSTI (Herald of the electric
industry)

VESTNIK SVYAZI (Herald of communication)

VOPROSY ENERGETIKI (Problems of power engineering)

IIIIa. abstracts in:

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Abstracts. Electrical engineering) 17.

VESTNIK INFORMATsii V OBLASTI RADIOELEKTRONIKI (Herald of
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Abstracts of the Proceedings of the I.R.E. (Institute
of Radio Engineers)

Electrical Engineering Abstracts (Science Abstracts,
Sect. B.), London.

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Wireless Engineer.

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IIIb. Bibliography:

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ature on dielectrics). Moskva 1952.

PHILIPPOFF, John D.: Electric power industry of the USSR.
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IIIc. Documentation:

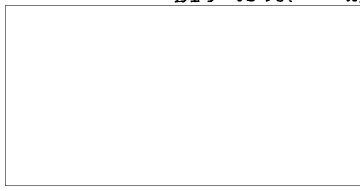
AEG (General Electric Company)

"Dokumentationsstelle fuer Rundfunk und Fernsehen beim
Ministerium fuer Post und Fernmeldewesen der DDR (Documentation office
for radio and television of the Ministry for Post and telecommunication
in the German Democratic Republic)
(Formerly: State Radio Committee). Berlin-Adlershof.

Electronics Translations, Chestnut Street, Concord, Mass.
Publishes translations.

FRIEDMAN, Rossis D., 572 California Street, Newtonville 60,
Mass. Publishes tables of contents and abstracts from Soviet periodicals
of physics and electronics.

VDE (Verband Deutscher Elektrotechniker) (Union of German
Electrical Engineers), Stuttgart.



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IIIId. Dictionaries:

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From the same author: English-Russian electrical dictionary. 1939.

and: Russian-English electronics dictionary. 1956.

In preparation: Russian-English electrical engineering dictionary.

I. Nuclear Engineering

I. Translated Periodicals:

*АТОМНАЯ ЭНЕРГИЯ (Atomic energy) 1956ff. Translated by: 83.91.F24.SV.

1. Associated Technical Services, East Orange/N.J. under the title: The Soviet journal of atomic energy. 1956ff. 82.84.91.BI.LFIPC.

2. The Pergamon Press, New York and London under the title: Atomic Energy 1956ff. as a supplement to Journal of Nuclear Energy. 1a.7.12.82.83.84.89.90.91.93.250. BACF. BOK. EI. 8s68. FH. FHI. LFIPC. 416.

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The international journal of applied radiation and isotopes. Vol 1ff. New York, London 1956ff. 83.MPIMF.

Prof. V.N. KONDRATYEV of the Academy of Sciences of the USSR is a co-publisher so that full cooperation can be effected here with the Soviet Union.

Translated Conference Reports:

Proceedings of the Conference of the Academy of Sciences of the USSR on the peaceful uses of the atomic energy. Vol. 1-4. New York 1955.

Translation of 87 reports which the Soviet delegation presented at the atom conference in Geneva from 1 - 5 July 1955.

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Symposium on Radiation Chemistry. Collection of 26 reports, published by the Academy of Sciences, Moskva, in 1955 (Ed. by) Consultants Bureau, Inc., New York 1956.

IIIa. Abstracts in:

Atomkern-Energie" (Atomic Energy). Muenchen: Thiemig.
1a.5.7.8.19.38.82.83.84.90.91.93.104.188.
AEG. BKG. Bs68. Du28. EPZ. E₁. FH. FHI. LF. Stg4. VDMA. ZHS.
Nuclear Science Abstracts. MPIB.

IIIb. Bibliography:

ATOMNAYA ENERGIYA I YEYE ISPOL'ZOVANIYE. REKOMENDATEL'NIY UKAZATEL' LITERATURY (Atomic energy and its uses. Recommended literature list). Moskva 1955.
Published by the Lenin Library.

IIIc. Dictionaries:

Atomic and Engineering Physics Glossary. New York: Consultants Bureau. (Announced for 1957).

K. Illumination Engineering

II. Non-Translated Periodicals:

SVETOTEKHNIKA (illumination engineering)

L. Optics, Photography, Film

II. Non-Translated Periodicals:

ISMERITEL'NAYA TEKHNIKA (Measuring engineering)

KINOTEKHNIK (Movie projection mechanic)

KINOTEKHNIK (Movie projection engineer)

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OBSHCAYA KINOTEKHNIKA (General movie engineering)

SOVETSKAYA KINOTEKHNIKA (Soviet movie engineering)

SOVETSKIY EKLAN (The Soviet film)

SOVETSKOYE FOTO (Soviet photography)

TEKHNIKA KINO I TELEVIDENIYA (Film and television engineering)

USPEKHI NAUCHNOY FOTOGRAFII (Results of scientific photography) 83.

*ZHURNAL NAUCHNOY I PRIKLADNOY FOTOGRAFII I KINEMATOGRFII (Journal of scientific and applied photography and cinematography) 83.

*ZVUKOTEKHNIKA KINEMATOGRFII (Movie sound reproduction engineering)

IIIa. Abstracts in:

Photographic Abstracts.

Sciences et industries photographiques (photographic sciences and industry)

IIIc. Documentation:

Service Photographique, Centre de Documentation du Centre National de la Recherche Scientifique, Paris (Photographic service, document center of the national center of scientific research, Paris)

M. Traffic Engineering

a. General

II. Non-Translated Periodicals:

TRANSPORTNOYE STROITEL'STVO (Transport construction engineering)

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TRUDY VSESOYUZHNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA
TRANSPORTNOGO STROITEL'STVA (Proceedings of the All-Union scientific
research on transport construction engineering)

ZARUBEZHNYIY TRANSPORT. SBORNIK INSTITUTA KOMPLEKSNYKH
TRANSPORTNYKH PROBLEM AKADEMII NAUK SSSR (Foreign transport.
Collection of the institute for complex transport problems of the
Academy of Sciences of the USSR)

IIIa. Abstracts in:

Road Abstracts. London 1934ff.

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IIIb. Bibliography:

JANSE, Renée S.: Soviet transport and communications.
A bibliography. Washington 1952. Has 4,952 titles.

Personal bibliography:

MATERIALY K BIOBIBLIOGRAFI UCHENYKH SSSR, SERIYA
TEKHNICHESKIKH NAUK. TRANSPORT (Materials on the biobibliography of
USSR scientists. Series of technical sciences. Transport.)

The series lists biographies with attached subjective
and objective personal bibliographies of Russian and Soviet traffic
engineers.

b) Automobile and Tractor:

II. Non-Translated Periodicals:

AVTOMOBIL' (The automobile)

*AVTOMOBIL'NAYA I TRAKTORNAYA PROMYSHLENNOST' (Automobile
and tractor industry) 1a.93.VDMA.

AVTOMOBIL'NYY TRANSPORT (Automobile transport)

IIIc. Documentation:

Centre d'Étude Technique de l'Automobile et du Cycle
(Center for the study of automobile and cycle engineering). 42 Avenue
Friedland, Paris 3e.

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c) Railroad

II. Non-Translated Periodicals:

GUDOK (The steam whistle)

SBORNIK LENINGRADSKOGO. . . INSTITUTA INZHENEROV ZHELEZ-NODOROZHNOGO TRANSPORTA (Collection of the Leningrad institute for RR engineers)

SBORNIK TRUDOV. AKADEMIYA ZHELEZNODOROZHNOGO TRANSPORTA MINISTERSTVA PUTEY SOOBSHCHENIYA SSSR (Collection of works. Academy of RR transport of the Ministry of communications of the USSR)

TEKHNIKA ZHELEZNYKH DOROG (Railroad engineering)

TRUDY KHABAROVSKOGO INSTITUTA INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA (Proceedings of the Khabarovsk institute of RR engineers)

*TRUDY MOSKOVSKOGO ORDENA LENINA I ORDENA TRUDOVOGO KRASNOGO ZNAMENI INSTITUTA INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA (Proceedings of the Moskva institute of RR engineers)

TRUDY TBILISSKOGO INSTITUTA INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA IMENI V.I. LENINA (Proceedings of the Tbilisi institute of RR engineers imeni V.I. LENIN)

-98-

*TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVAT'L'SKOGO INSTITUTA ZHELEZNODOROZHNOGO TPANSPORTA (Proceedings of the All-Union scientific research institute for RR transport)

ZHELEZNODOROZHNYIY TRANSPORT (RR transport)

DBD.

IIIa. Abstracts in:

"Kurzauszuege aus dem Schrifttum fuer das Eisenbahnwesen" (Abstracts from RR literature), Offenbach/Main, German Federal Railroads.

IIIb. Bibliography:

"Verzeichnis Sowjetischer Eisenbahnliteratur" (List of Soviet RR literature) which is obtainable in the scientific libraries STAT of the German Democratic Republic in the original language and in German translation. Status as of 15 January 1956. In:

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-98- "Wissenschaftlicher Zeitschrift der Hochschule fuer Verkehrswesen"
 (Scientific periodical of the college for traffic engineering),
 Dresden 4 (1956) H.I.

ZHELEZHODOROZHNAVAYA LITERATURE SSSR 1954 (USSR RR
 literature, 1954). Moskva 1956.

d) Shipping

II. Non-Translated Periodicals:

MORSKOY FLOT (The sea fleet) B843W.

RECHNOY TRANSPORT (River shipping)

SUDOSTROYENIYE (Shipbuilding)

e) Aviation

II. Non-Translated Periodicals:

GRAZHDANSKAYA AVIATSIYA (Civil aviation) Du26.

SOVETSKAYA AVIATSIYA (Soviet aviation)

TRUDY INSTITUTA. MOSKOVSKIY AVIATSIONNYY TEKHNOLOGICHESKIY
 INSTITUT (Proceedings of the institute. Moskva technological aviation
 institute of aviation technology)

TRUDY INSTITUTA. MOSKOVSKIY ORDENA LENINA AVIATSIONNYY
 INSTITUT IMENI SERGO ORDZHONIKIDZE (Proceedings of the institute.
 The Moskva aviation institute imeni Sergo Ordzhonikidze).

IIIa. Abstracts concerning Aeromechanics in:

REFERATIVNYY ZHURNAL. MEKHANIKA (Journal of Abstracts.
 Mechanics). Translated by the Ministry of Supply, London, under the
 title: Soviet Abstracts. Mechanics. 7.17.LeI.

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IIIb. Bibliography:

Index Aeronauticus (Aeronautical index)

"Kommende Literatur fuer die Deutsche Luftfahrttechnik"
(Forthcoming literature for the German aviation engineering),
Berlin 1956.

A list of the Technik Publishing House, Berlin. 82.91.

KUCHEROV, B.: Aeronautical sciences and aviation in the
Soviet Union. A bibliography. Washington 1955. 82.83.93.

IIIc. Documentation:

HAYLOR, L.J.H. and K.A. KENNEDY: Guide to translation
coverage of aeronautical literature in AGARD countries. AGARD-Final
draft report prepared for the approval of the Documentation Committee,
6. Meeting, Rome, 20-25 February 1956.

National Advisory Committee for Aeronautics, 1512 H Street,
N.W. Washington 25, D.C.

The unclassified reports can be ordered from the Govern-
ment Printing Office, Washington 25, D.C.

Royal Aircraft Establishment, Farnborough, Hants.

The library has translations.

"Zentralstelle der Luftfahrt-dokumentation" (Central office
for aviation documentation), Munich Airport.

Publishes aviation documentations 1955ff in index card
form with contiguous supplements.

IIIId. Dictionaries:

By order of the Documentation Committee of the Advisory
Group of Aeronautical Research and Development, FRENOT is preparing
an aviation lexicon in English, French, German, Italian, Russian,
Spanish and Dutch.

V. Architecture, Construction EngineeringI. Translated Periodicals:

TSEMENT (Cement)

17.83,84.DB.VDZ.

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Translated by the Consultants Bureau, New York,
under the title: Cement, 1957ff.
Appears twice monthly.

Compiled report:

"Der Entwicklungsstand der Sowjetischen Bauwirtschaft"
(The development status of the Soviet construction industry).
Investments, cost and technical problems. Published by the German
Political Economy Society. Hamburg 1956. (Report Nr. 26).

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II. Non-Translated Periodicals:

- *ARKHITEKTURA SSSR (Architecture of the USSR) 89.B843L.
- ARKHITEKTURA I STROITEL'STVO Leningrada (Architecture
and construction of Leningrad)
- ARKHITEKTURA I STROITEL'STVO MOSKVI (Architecture and
construction of Moskva) 89.
- ARKHITEKTURNOYE NASELEDSTVO (Architectural heritage) 89.
- *AVTOMOBIL'NYYE DOROGI ((Automobile roads)
- *BETON I ZHELEZEBETON (Concrete and reinforced concrete)
- BYULLETEN' STROITEL'NOY TEKHNIKI (Bulletin of construction
engineering)
- GIDROTEKHNIЧЕСKoyE STROITEL'STVO (Hydraulic engineering
construction) 89.
- GIDROTEKHNIKA I MELIORATSIYA (Hydraulic engineering and
soil improvement) 1a.89.B843L.
- GORODSKOYE I SEL'SKOYE STROITEL'STVO (City and out-of-town
construction engineering)
- GRUPPOVEENIYA (The building lot) 17.
- IZVLESTIYA AKADE II NAU. KAZAKHSKOY SSR. SERIYA GORNOGO
DELA METALLURGI, ARKHITECTURY I STROYMATERIALOV (News of the Academy
of Sciences of Kazakh SSR. Mining, metallurgy, architecture and
construction materials series) 7.B843W.

Boo

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IZVESTIYA INSTITUTA GIDROLOGII I GIDROTEKHNIKI
(News of the institute for hydrology and hydraulic engineering)

*MEKHANIZATSIYA STROITEL'STVA (Mechanization of
construction)

89.E₁. VDMA.

NOVAYA TEKHNIKA I PEREDOVOY OPYT V STROITEL'STVE
(New technique and advancing knowledge in construction engineering)

OPYT STROITEL'STVA. INFORMATSIONNYY SBORNIK (Construction
experience. Information collection)

*ORGANIZATSIYA I MEKHANIZATSIYA STROITEL'STVA (Organization
and mechanization of construction)

PROBLEMY REGULIROVANIYA RECHNOGO STOKA (Problems of
regulating river flow)

PROBLEMY SOVETSKOGO GRADOSTROITEL'STVA (Problems of
Soviet city construction)

17.

SBORNIK MATERIALOV O NOVOY TEKHNIKE I PEREDOVOM OPYTE
V STROITEL'STVE (Collection of materials concerning new technique
and advancing knowledge in construction engineering)

As of 1 January 1956 under the title: NOVAYA TEKHNIKA
I PEREDOVOY OPYT V STROITEL'STVE (New technique and the advancing
knowledge in construction engineering)

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SBORNIK RABOT. AKADEMIYA ARKHITECTURY SSSR (Collection
of works. Academy of architecture of the USSR)

SBORNIK RUDOVODYASHCHIKH MATERIALOV PO STROITEL'STVU
(Collection of leading materials on construction engineering)

SBORNIK STATEY, ISSLEDOVANIYA PO BETONU I ZHELEZOBETONU
(A collection of articles. Research on concrete and reinforced
concrete)

SBORNIK TRUDOV GOSUDARSTVENNOGO VSESOUZNOGO INSTITUTA
PO PROYEKTIROVANIYU I NAUCHNO-ISSLEDOVATEL'SKIM RABOTAM "GIPROTSEMENT"
(Collection of works of the state All-Union institute for projecting
and scientific research work "Ciprocement")

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SBORNIK TRUDOV INSTITUTA STROITEL'NOY MEKHANIKI
(Collection of works of the institute for construction mechanics)

SBORNIK VSESOYUZNY NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT
VODOSNZBSHENIYA, KANALISATSII, GIDROTEKHNICHESKIKH SOORUZHENIY
I INZHENERNOY GIDROGEOLOGII (A Collection. The All-Union scientific
research institute for water supply, sewer systems, hydrotechnical
installations and for technical hydrogeology)

SEL'SKIY STROITEL' (The village builder)

SOOBSHCHENIYA INSTITUTA ISTORII I TEORII ARKHITEKTURY
(Bulletins of the institute of the history and theory of
architecture) 89.

SOVETSKAYA ARKHITEKTURA (Soviet architecture) 89.

STROITEL' (The builder)

*STROITEL'NAYA PROMYSHLENNOST' (Construction industry) 17.

STROITEL'NOYE I DOROZHNOYE MASHINOSTROYENIYE (Construction
and road construction machines)

STROITEL'NYE MATERIALY, IZDELIYA I KONSTRUKTSII
(Building materials, production and constructions)

STROITEL'STVO I ARKHITEKTURA (Construction engineering
and architecture)

*STROITEL'STVO PREDPRIYATIY NEFTYANNOY PROMYSHLENNOSTI
(The construction of oil industry installations)

TRUDY GIDRAVLICHESKOY LABORATORII VSESOYUZNOGO NAUCHNO-
ISSLEDOVATEL'SKOGO INSTITUTA VODOSNABZHENIYA, KANALIZATSII, GIDRO-
TEKHNICHESKIKH SOORUZHENIY I INZHENERNYKH GIDROKONSTRUKTSIY
(Proceedings of the hydraulic laboratory of the All-Union scientific
research institute for water supply, sewer systems and hydrotechnical
installations.)

TRUDY JOSUDARSTVENNYY VSESOYUZNYY INSTITUT PO PROYEKTIROV-
ANIYU I NAUCHNO-ISSLEDOVATEL'SKIM RABOTAM "GIPROTSEMENT" (Proceedings
The state institute for projecting and scientific research works
"GIPROCEMENT").

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TRUDY OKEANOGRAFICHESKOY KOMISSII AKADEMII NAUK SSSR

(Proceedings of the oceanographical commission of the Academy of Sciences of the USSR)

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA
TRANSPORTNOGO STROITEL'STVA (Proceedings of the All-Union scientific
research institute for transport construction)

VODOSNABZHENIYE I SANITARNAYA TEKHNIKA (Water supply
and sanitary technics)

VOPROSY OTOPLENIYA I VENTILYATSII (Heating and air
conditioning problems)

VOPROSY TEORII ARKHITEKTURNOY KOMPOZITSII (Problems on
the theory of architectural composition) 89.

VOPROSY TEORII ARKHITECTURY (Problems on the theory of
architecture)

VOPROSY TIPIZATSII MOSTOVYKH SOORUZHENIY (Problems on the
standardization of bridge constructions)

IIIa. Abstracts in:

Magazine of concrete research. London: Cement and
Concrete Ass.

IIIb. Bibliography:

"Bauwesen" (Construction engineering). Soviet and
peoples' democratic original literature. Series 1: Construction
materials. Series 2: Construction hand work. Berlin 1954.

Published by the "Zentralstelle fuer Wissenschaftliche
Literatur" (Central office for scientific literature). Berlin. DB.

"Bauwesen" (Construction engineering). Published and
unpublished translations. Berlin 1954 (technical bibliographies. I.)

Published by the Central office for scientific literature.
Berlin, S, Unter den Linden 8. Lists 759 translations, separated
by subject in 20 sections.

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Building Science Abstracts. London.
Lists only the titles without abstracts.

PARKINS, N.F.: City planning in Soviet Russia. With an interpretative bibliography. Chicago 1953. 82.83.89.91.BGK.

RUSSEKIYE ARKHITEKTORY I STROITELI. ANNOTIROVANNYY UKAZATEL' LITERATURY (Russian architects and builders. Annotated bibliography). Moskva 1952.

"Schrifttumskartei Bauwesen" (File on construction engineering literature). Published by the documentation office for construction engineering). Stuttgart.

Appears monthly and covers some 200 abstracts from 450 local and foreign technical periodicals.

IIIc. Documentation:

"Dokumentationsstelle fuer Bautechnik" (Documentation office for construction engineering). Stuttgart.

In 1956, covered some 15,000 titles arranged according to DK. 200 important themes on construction engineering are covered thru literary compilations. Publishes monthly "Schrifttumskartei Bauwesen" (File on Construction Engineering Literature).

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C. Chemical Engineering

(See also the Chemistry Section in part B III: Natural Sciences, pp 54ff.

a) General

I. Translated Periodicals:

The chemical-technological articles from

DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of the USSR)

12.5.7.12.16.18.21.36.82.83.89.93.250.

BGK. B23. B843M. Bs68. Du6. F1. FHI. LeI. SV. W16.

are translated as independent periodical under the title: Proceedings of the Academy of Sciences of the USSR. Chemical technology section. 1956ff.

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*KHIMICHESKAYA PROMYSHLENNOST' (Chemical industry) 17.LeI.

B843W.

Translated by Consultants Bureau, New York, under the
title: Chemical Industry. Announced for 1957ff. 82.B43.

*KHILIYA I KHIMICHESKAYA TEKHOLOGIYA (Chemistry and
chemical technology). Translated by Consultants Bureau, New York,
under the title: Chemical Science and Industry. 1957ff. B43.

IZVESTIYA AKADEMII NAUK SSSR. OTDELENIYE KHIMICHESKIKH
NAUK (News of the Academy of Sciences of the USSR. Chemical sci-
ence section)

Translated under the title: Bulletin of the Academy of
Sciences of the USSR. Chemistry Division. 1952ff.

ZHURNAL PRIKLADNOY KHIMII (Journal of applied
chemistry) 7.17.89.Du6. FH. F₂₄. LeI. SV.

Translated by Consultants Bureau, New York, under the
title: Journal of applied chemistry. 1950ff.

17.82.83.84.89.90.93. BASF. BI. FH. KPIK.

German translations of larger works appear in the series:

"Übersetzungen Ausländischer Fachliteratur" (Translations
of foreign technical literature). Published by the Chemical Society
of the GDR. H. 1ff. Berlin 1955ff. 6.82.83.

Compiled report:

"Die Chemische Industrie Sowjetrusslands" (Chemical industry
of Soviet Russia). Published by the German Political Economy Society.
Hamburg, 1956. (Report Nr. 27/28).

"Die Holzchemie in der Sowjetunion" (Wood chemistry in the
Soviet Union). Published by the German political Economy Society.
Hamburg 1957. (Report Nr. 36/37).

II. Non-Translated Periodicals:

METODY I PROESSY KHIMICHESKOY TEKHOLOGII (Methods and
processes of chemical technology)

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SBORNIK TRUDOV. VSESOYUZNYI NAUCHNO-ISSLEDOVATEL'SKIY
INSTITUT GIDROLIZNOY I SUL'FITNO-SPIRTOVOY PROMYSHLENNOSTI (Collection
of works. The All-Union scientific research institute for hydrolysis
and the sulphite spirit industry) 82.

TRUDY INSTITUTA KHIMII I METALLURGII. URAL'SKIY FILIAL
AKADEMII NAUK SSSR (Proceedings of the institute for chemistry and
metallurgy. The Ural branch of the Academy of Sciences of the
USSR) 93.

*TRUDY MOSKOVSKOGO ORDENA LENINA KHIMIO-TEKHNOLOGICHESKOGO
INSTITUTA IMENI D.I. MENDELEYEVA (Proceedings of the Moskva institute
for chemical technology imeni D.I. MENDELEYEV)

*ZAVOITSKAYA LABORATORIYA (The factory laboratory) Du6. SV.

JURNAL KHIMICHESKOY PROMYSHLENNOSTI (Journal of the
chemical industry)

IIIa. Abstracts in:

REFERATIVNIY ZHURNAL. KHIMIYA (Journal of Abstracts.
Chemistry) 7.95.Lel.

Analytical Abstracts. Vol. 1ff. Cambridge 1954ff.
Published by the Society for Analytical Chemistry.

Bulletin Battelle chem. Inst.

Chemical Abstracts. Vol. 1ff. Easton (Pa.) 1907ff.
1a.4.5.6.7.17.18.21.22.23.27.28.29.34.37.38.43.44.45.46.47.48.49.50.51.52.53.250.
BASF. BCK. BI. B43. Ds11. E₁. F. PHI. F₁. IFU. Ki29. LF.
MPIB. MPIE. MPIF. MPIK. MPIC. MPIV.

"Chemie-Ingenieur-Technik" (Chemistry-Engineer-Engineering)
Weinheim. Du2C.

"Chemisches Zentralblatt" (Chemical Central Newspaper)
Vol. 1ff. Berlin 1830ff.
1a.1.5.6.7.8.12.21. CI. 24.25.38.77.82.83.84.89.90.
91.93.95.128.250. BACF. BFL. BGK. BI. B43. B68. Ds11. E₁.
FH. PHI. F₁. H105. IFU. Ki29. LF. MFLB. MPIE. MPIK. MPIMP. STAT
MPIPC. VDZ. W16. ZSH.

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English Language Abstracts of Russian Chemical Journals.
Published by Assoc. Technical Services, East Orange/N.J.

The following 4 Soviet chemical periodicals are being abstracted:

1. USPEKHI KHIMII (Advances of chemistry)
2. ZHURNAL PRIKLADNOY KHIMII (Journal for applied chemistry)
3. IZVESTIYA AKADEMII NAUK SSR. OTDELENIYE KHIMICHESKIKH NAUK (News of the Academy of Sciences of the USSR. Chemical sciences section)
4. UKRAINSKIY KHIMICHESKIY ZHURNAL (Ukrainian chemical journal)

FRESENIUS' Zeitschrift fuer Analytische Chemie (Fresenius' periodicals for analytical chemistry)

5.6.7.8.16.18.21CI.25.30.77.82.83.89.90.91.93.188.250.

BASF. BI. B43. Bs68/ PH. F₁. IFU. Ki29. MF. MPE. MPIMP.

Journal of the Society of Dyers and Colorists.

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Library Bulletin of Abstracts. Published by Universal Oil Products Company, Des Plaines, Illinois, USA.

Lists translations which are available thru the Consultants Bureau, New York.

"Literaturberichte ueber Wasser, Abwasser, Luft und Boden" (Literature reports concerning water, sewage, air and soil)

"Referatendienst Farbe" (Abstract service on dyes)
A supplement to the periodical "Die Farbe" (Dye). 1956ff.

Publications which appear since 1955 are continuously reported on bibliographical cards. Articles of the Soviet academy periodicals are also included there.

"Verfahrenstechnische Berichte" (Reports on Technical Methods). Weinheim 1954ff.

Water Pollution Abstracts.

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IIIb. Bibliography:

"Chemie" (Chemistry). Unpublished translations. Prepared and published by the central office for scientific literature. Berlin 1955. (Title compilation 3,)

"Fortschritte der Chemischen Forschung" (Advances of chemical research) ("Literature" section).
4.5.6.7.8.16.17.18.21CI.24.38.77.82.83.84.89.90.91.93.250.
BASF. BGK. BI. B43. E₁. FH. FH. FHI. F₁. MF. MPIK. MPIMF.
MPIPC.

"Internationale Bibliographie der Farbenlehre und ihrer Grenzgebiete" (International bibliography of the dye sciences and their related fields).

Published by Manfred Richter, Goettingen: Musterschmidt
1952.

JAVORONKOV, N.: Publication of literature on applied chemistry in the Soviet Union. In: Journal of Documentation 12 (1956) pp. 106/112.

83.

"Literatur-Rundschau" (Literary Review).

Published by the Main Library of the Chemical plant Buna, Schkopau.
Appears monthly.

"Titelzusammenstellung "Chemie" (Title compilation "Chemistry"). Unpublished translations. Berlin: Central office for scientific literature 1955.

925 titles of until then unpublished translations from Soviet and other slavic language books, articles and patent documents in the fields of fundamental chemical research and general chemical technology.

"Zeitschriftenschau" (Periodical review).

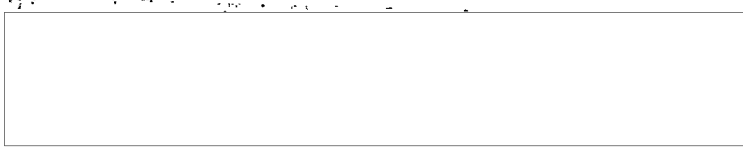
Published by the Main Scientific Library of Leuna-Works.

IIIc. Documentation:

Associated Technical Services, P.O. Box 271, East Orange/N.J.
Publishes translations in the field of chemistry, which
are shown in a list and can be ordered from the above mentioned office.

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Consultants Bureau, 227 West 17th Street, New York 11, N.Y.
Publishes many translated chemical periodicals, especially
the reports of the Soviet academy. Complete annuals of these trans-
lated periodicals can be ordered from the Consultants Bureau.

Farbwerke Hoechst.

Gmelin Institute, Frankfurt/Main, Varrentrappstr. 40/42,
Carl-Bosch-Haus.

Kekulé Library, Bayer Dye Works, Leverkusen.

Midwest Inter-Library Center, 5721 Cottage Grove Avenue,
Chicago 37, Illinois.

Center for chemical periodicals.

b) Ceramics. Glass

I. Translated Periodicals:

*STEKLO I KERAMIKA (Glass and ceramics) 17.93 DGG.
Translated under the title: Glass and ceramics. 1956ff.

Compilation:

Soviet Research in Glass and Ceramics (1949-1955). New
York: Consultants Bureau 1956. (Chemistry Collection. No. 2)

The collection volume covers 146 Soviet works, which were
translated from Soviet periodicals for general and applied chemistry
and from periodicals of the Academy of Sciences of the USSR. The
selection was made by W.G. LAWRENCE, Chem. Dept. of Ceramic Research
of the State University of New York College of Ceramics.

II. Non-Translated Periodicals:

*OGNEUPORY (Fire-proof materials) 93.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATELSKAY INSTITUTE STEKLA
(Proceedings of the All-Union scientific research institute for glass). STAT

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IIIa. Abstracts in:

"Berichte der Deutschen Keramischen Gesellschaft"
(Reports of the German Ceramics Society) Du28.

Glass. London.
Detailed Abstracts.

Glass Industry. New York
Very detailed Abstracts.

"Glas-technische Berichte" (Technical reports on glass
industry)

Journal of the American Ceramic Society.

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Journal of the Society of Glass Technology. Sheffield.

"Silikatechnik" (Silicate Engineering). Berlin: VEB
Technik Publishing House.

IIIc. Documentation:

"Dokumentationskartei der Ceramologie" (Documentation
file of ceramology). Lucbeck: Technische Dokumentation Publishing
House.

c) Fuel Chemistry:

I. Translated Periodicals:

*KHIMIYA I TEKHOLOGIYA GORYUCHIKH (Chemistry and technology
of fuels)

Translated by the Consultants Bureau, New York, under the
title: Chemistry and technology of fuels. Announced for 1957ff.

KOKS I KHIMIYA (Coke and chemistry)

Translated by the Consultants Bureau, New York, under the
title: Coke and chemistry. Announced for 1957.

*NEFTYANOYE KHOZYAYSTVO (Oil industry)

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Translated by the Consultants Bureau, New York, under the
title: Oil Industry. Announced for 1957ff.

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II. Non-Translated Periodicals:

SBORNIK TRUDOV. VSESOYUZNY NAUCHNO-ISSLEDOVATEL'SKIY
INSTITUT GIDROLIZNOY I SUL'FITNO-SPIRTOVOY PROMYSHLENNOSTI (Collec-
tion of works. "The All-Union scientific research institute for hydro-
lysis and the sulphite spirit industry) 82.

SPIRTOVAYA PROMYSHLENNOST' (Alcohol industry)

TRUDY INSTITUTA NEFTI AKADEMII NAUK SSSR (Proceedings of
the institute of petroleum of the Academy of Sciences of the USSR) 90.

TRUDY MINISTERSTVA NEFTYANNOY PROMYSHLENNOSTY SSSR (Pro-
ceedings of the Ministry, for the petroleum industry of the USSR) 7.

TRUDY. MOSKOVSKIY. . . . NEFTYANNOY INSTITUT (Proceedings
The Moskva petroleum institute). 7.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA
ISKUSTVENNOGO ZHIDKOGO TOPLIVA I GAZA (Proceedings of the All-Union
scientific research institute for synthetic fluid, fuels and gas)

IIIa. Abstracts in:

Fuel Abstracts:

"Erdoel und Kohle" (Oil and coal). Hamburg.
82.83.84.89.90.91.93.104.
FAWF. BI. B43. B568. ETZ. E1. FH. MPIK. StGA. VDMA.

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IIIb. Bibliography:

"Brennstoff-Chemie" (Fuel chemistry). (Section "Periodical
Review").
82.83.84.89.90.91.93.
BAWF. BKG. BI. B43. B568. FuT8. E1. FH. MPIK. StGA.

d) Synthetic Materials:

IIIc. Documentation:

Charles A. MEYER & Co., 25 Vanderbilt Avenue, New York, N.Y.
Has 49 translations in the field of oil technology.

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II. Non-Translated Periodicals:

KAUCHUK I REZINA (Caoutchouc and rubber)

USPEKHI KHIMII I TEKHNologii POLIMEROV (Results of chemistry and the technology of polymers)

la.7.

IIIa. Abstracts in:

"Literaturschnelldienst" (Timely News Letters).
German synthetic materials institute.

"Plaste und Kautschuk" (Plastics and caoutchouc)

e) Fats and Soaps:

III-. Abstracts in:

"Fette und Seifen" (Fats and soaps)

P. Polygraphic Industry

II. Non-Translated Periodicals:

*POMIGRAFICHESKOYE PROIZVODSTVO (Polygraphical production)

• Light Industry

(Paper, Cellulose, Textiles)

• General:

II. Non-Translated Periodicals:

*LEKAYA PROMYSHLENNOST' (Light industry) 39. DGG. VDMA.

• Fiber and Cellulose industry:

I. Compiled reports:

"Die Holzchemie in der Sowjetunion" (Wood chemistry in the Soviet Union). Published by the German Political Economy Society. Hamburg, 1957. (Report Nr. 36/37)

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II. Non-Translated Periodicals:

BUMAZHNAYA PROMYSHLENNOST' (Paper industry)

B8437. Ds11. H105.

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DEREVOPERERABATYVAYUSHCHAYA I LESOKHIMICHESKAYA
PROMYSHLENNOST' (Wood processing and wood-chemistry industry) H105.VDMA.GIDROLIZATSIYA I LESOKHIMICHESKAYA PROMYSHLENNOST' -
(Hydrolyzation and wood-chemistry industry) H105.

LESNAYA PROMYSHLENNOST' (Lumber industry)

1a.7.HnI. B8437. H105.

SBORNIK TRUDOV. VSESOYUZNIY NAUCHNO-ISSLEDOVATEL'SKIY
INSTITUT GIDROLIZNOY I SUL'FITNO-SPIRITOVOY PROMYSHLENNOSTI
(Collection of works. The All-Union scientific research institute
for the hydrolysis and sulphite spirit industry) 82.IIIb. Bibliography:"Bibliographie des auslaendischen Forst- und landwirt-
schaftlichen Schrifttums" (Bibliography of foreign forestry and
agricultural literature). Series 1ff. 1950ff.

6.12.18.25.38.98.282. H105. HnI.

Appears twice monthly. Published by the Federal re-
search office for forestry and timber industry, Reinbek near Hamburg."Literaturnachweis der Papier- und Zellstoffindustrie"
(Literature index of paper and cellulose industry). Published with
cooperation of H. FIEBIGER. Wiesbaden 1954.Up to now only volume 2 appeared. Contains lists of
periodicals and papers 1946-50.c) Textile Industry:II. Non-Translated Periodicals:

*TEKSTIL'NAYA PROMYSHLENNOST' (Textile industry) 82. Du28.

IIIb. Bibliography:"Faserforschung und Textiltechnik" (Thread research and
textile engineering).

82.83.89. BASF. BGK. Ds11. Du28. FH. VDMA.

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"Indexbuecher der Technik" (Index engineering books).
Series: General engineering sciences. Textile testing. Munich:
Documentation of engineering 1955ff.
Are continuously supplemented.

IIIc. Documentation:

BRAMER, Joachim: For documentation of thread and textile fields (In: "Faserforschung und Textiltechnik" (Thread research and textile engineering) 7 (1956) pp. 233/235.

R. Food Industry:

In this field there is - according to the Soviet tendency of specialization - a whole series of periodicals which in Germany can be partly classified as handicraft periodicals or trade union periodicals. The Soviet periodicals, contrary to the German, provide much material on methods, processes and work procedures in the individual industrial branches.

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II. Non-Translated Periodicals:

BIOKHIMIYA VINODELIYA (Biochemistry of wine production)

KHLEBOPEKARNAYA I KONDITORSKAYA PROMYSHLENNOST' (Bread bakery and confectionery industry)

KONSERVNAYA I OVOSHCHESUSHITEL'NAYA PROMYSHLENNOST' (Canned and dried vegetable industry)

*MOLOCHNAYA PROMYSHLENNOST' (Dairy industry) 98.

MASLOBOYNO-ZHIROVAYA PROMYSHLENNOST' (Butter and fat industry)

MYASNAYA INDUSTRIYA SSSR (The meat industry of the USSR) BFL.

*NUKOMOL'NO-LLEVATORANAYA PROMYSHLENNOST' (Flour milling and grain elevator industry) STAT

PISHCHEVAYA PROMYSHLENNOST' (Food industry) 98.

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*SAKHARNAYA PROMYSHLENNOST' (Sugar Industry) 17.BGK.B843W.

TABAK (Tabacco)

1a.

*TRUDY KIYEVSKOGO TEKHOLOGICHESKOGO INSTITUTA PISHCHEVOY PROMYSHLENNOSTI IMENI A.I. MIKOYANA (Proceedings of the Kiev technological institute for the food industry imeni A.I. MIKOYAN.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA SOLYANOY PROMYSHLENNOSTI (Proceedings of the All-Union scientific research institute for the salt industry).

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA VITAMINNOY PROMYSHLENNOSTI (Proceedings of the All-Union scientific research institute of the vitamin industry)

17.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA ZERNA I PRODUKTOV YEGO PERERABOTKI (Proceedings of the All-Union scientific research institute for grain and its processed products)

VINODELIYE I VINOGRADARSTVO SSSR (Wine manufacture and vineyards of the USSR)

1a.

IIIa. Abstracts in:

"Die Brauerei" (The brewery)

"Brot und Gebaeck" (Bread and Cake)

Bulletin. Institut International du Froid (International institute of refrigeration)

"Deutsche Milchwirtschaft" (German milk industry)

Manuale lactis (Lactic manual). Nuernberg: Carl.

"Milchwissenschaft" (Milk science)

Nutrition Abstracts and Reviews.

"Zeitschrift fuer Lebensmitteluntersuchung und Forschung" (Periodical for food inspection and research). Heidelberg: Springer.

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5. MEDICINEA. GeneralI. Translated Periodicals:

"Aus dem medizinischen Schrifttum der Sowjetunion und der volksdemokratischen Laender" (From the medical literature of the Soviet Union and countries of people's democracies). Berlin 1953ff.

~~Appears irregularly.~~ Each booklet covers a translated article from a ~~Soviet~~ medical periodical. Emphasized are the applications of the PAVLOV theory in the different medical fields.

*BYULLETEN' EKSPERIMENTAL'NOY BIOLOGII I MEDITSINY (Bulletin of experimental biology and medicine) 1a. B843M. SV.

Translated by the Consultants Bureau, New York, under the title: Bulletin of experimental biology and medicine. 1956ff.

The biological articles of

DOKLADY AKADEMII NAUK SSSR (Reports of the Academy of Sciences of the USSR) are compiled and translated by the Consultants Bureau, New York, under the title: Proceedings of the Academy of Sciences of the USSR. Biological Science. 1956ff.

Included are works from the following fields: Anatomy, zoological oecology, zoological morphology, zoological physiology, biophysics, cytology, cytopathology, embryology, endocrinology, experimental morphology, genetics, histology, hydrobiology, morphology, parasitology, physiology, phytopathology, zoology.

VESTNIK AKADEMII MEDITSINSKIKH NAUK SSSR (Herald of the Academy of medical sciences of the USSR) 1a.38M. B843M. SV.

Translated by the Consultants Bureau, New York, under the title: Bulletin of the Academy of medical sciences. Announced for 1957ff.

As of 1957, the National Institute of Health in Bethesda 14, Maryland, translated into English and published the translations from 7 Soviet periodicals in the fields of biochemistry, biophysics, experimental biology, microbiology, ontology, virus research and physiology, and 4 series of the corresponding themes of SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE (Soviet medical abstract review).

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Articles translated into French in:

Cahiers de médecine soviétique (Soviet medical papers).
Année 1ff. Paris 1953ff.

Published by the Commission Médicale du Centre Culturel et Économique de France-USSR. Responsible for the edition is J. CACHES. Appears quarterly. Each booklet has 6-8 articles translated into French, mostly concerning the PAVLOV theory. In addition the translated table of contents of some 6 Soviet medical periodicals and conferences and translated abstracts are included as an annex. The titles of this annex is provided only in French translation without giving the original title. Each booklet handles one theme, for example tuberculosis, contagious diseases, etc. The published translation and the works mentioned in the list according to title can be ordered from "Centre Culturel".

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Traductions intégrales, ronéo-typées d'articles médicaux soviétiques spécialisés (Complete translations of specialized Soviet medical articles). Paris 1953ff.

Titles continuously listed on the cover of "Cahiers de médecine soviétique". It concerns translations of monographies, which also can be ordered from "Centre Culturel".

Compilations:

Reports. Medicine series. Published by the "Osteuropa-Institut" (Eastern European Institute) of the Berlin Free University. 1952ff.:

BRANDT, M.: "Von der neuen Entwicklung der Sowjetmedizin" (Of the new development in Soviet medicine). 1952.

(Reports of the "Osteuropa-Institut" of the Berlin Free University. H.5.)

BRANDT, M.: "Wege und Umwege der Sowjetmedizin" (Methods and problems of Soviet medicine). 1957.

(Reports of the Osteuropa-Institut" of the Berlin Free University. In print.).

MUELLER, H.: "Die Organisation des Gesundheitswesens in der Sowjetunion" (Health organizations in the Soviet Union). 1954. STAT

(Reports of the "Osteuropa-Institut" of the Berlin Free University. H. 15).

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MUELLER-DIETZ, H.: "Die medizinische Ausbildung in der Sowjetunion" (Medical training in the Soviet Union). (Reports of the "Osteuropa-Institut" of the Berlin Free University. In preparation)

PILZ, R.: "Aus medizinischen Tagungen in der Sowjetunion" (From medical conferences in the Soviet Union). 1953.

(Reports of the "Osteuropa-Institut" of the Berlin Free University. H.11.).

Attached to each booklet is a bibliography of Soviet periodical articles, on which the compilation is based.

Compilations in:

Reviews of Eastern Medical Sciences. Vol. 1ff. Munich 1956ff.

The general review concerning the entire health field was duplicated:

"Das Gesundheitswesen der UdSSR" (Health in the USSR). Berlin-East 1952.

"Das Gesundheitswesen in der Sowjetunion" (Health in the USSR). Berlin-West 1954. (Reports H.15.)

II. Non-Translated Periodicals:

AZERBAYDZHAN TIBB ZHURNALY (AZERBAYDZHANSKIY MEDITSINSKIY ZHURNAL) (Azerbaijan medical journal)

FEL'DSHER I AKUSHERKA (The medical aid-man and the midwife)

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IZVESTIYA AKADEMII NAUK ESTONSKOY SSR. SERIYA MEDITSINSKIKH NAUK (News of the Academy of Sciences of the Estonian SSR. Medical science series) B843M.

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA MEDITSINY I FIZIOLOGII (News of the Academy of Sciences of Kazakh SSR. Medical and physiological series) 18. B843M.

IZVESTIYA AKADEMII NAUK. SERIYA BIOLOGICHESKAYA (News of the Academy of Sciences of the USSR. Biological series) 1a.5.7.8.12.18.21.29. B843M.

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KLINICHESKAYA SESTRA (The clinical nurse)

LABORATORNOYE DELO (Laboratory affairs) 1a.38M.B843M.SV.

MEDITSINSKAYA PROMYSHLENNOST' SSSR (Medical industry
of the USSR) B843M.

MEDITSINSKAYA SESTRA (The medical nurse) 1a.

MEDITSINSKIY RABOTNIK (The medical worker) B843M.

*MEDITSINSKIY ZHURNAL (Medical journal) SV.

PRIRODA (Nature) - 1a.7.12.16.H105.

*SOVETSKAYA MEDITSINA (Soviet medicine) 1a.12.38M.B843M.SV.

SOVETSKIY KRASNYY KREST (The Soviet red cross) 1a.B843M.

*USPEKHI SOVREMENNOY BIOLOGII (Achievements of contemporary
biology) 1a.7.12.18.21.25. B843M. F₁. SV.

VRACHEBNOYE DELO (Medical profession) B843M.

ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII
(Journal of microbiology, epidemiology and immunobiology) 1a.38M.SV.

*ZHURNAL OBSHCHEY BIOLOGII (Journal for general biology)
1a.12.25. B843M. F₁. LeI. SV.
Since 1956 has resumés in Western languages.

IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL. 4-Y RAZDEL: ORGANIZATSIYA ZDRAVOOKHRANENIYA, ISTORIYA MEDITSINY, GIGIYENIYA I SANITARIYA, EPIDEMIOLOGIYA, MEDITSINAKAYA RADIOLOGIYA (Medical abstracts journal. Part 4: Organization for health protection, history of medicine, hygiene and health, epidemiology and medical radiology)

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE. ZDRAVOOKHRANENIYE, GIGIYENA I SANITARIYA, ISTORIYA MEDITSINY (Soviet medical abstracts review. Health protection, hygiene and health, history of medicine) B843M.

Appears in 3 issues per annum. Abstracts of Soviet, German and foreign works.

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SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.

PREDMETNYY UKAZATEL'. AVTORSKIY UKAZATEL' (Soviet medical abstract review. Subject Index, Index of authors). Moscow 1950ff. B843M.

Reviews among other subjects the Soviet medical literature since 1948 in 14 sections according to the various subjects. The journal is published in 1, 2, 3 or 4 numbers for the individual section annually. The subject index and the index of authors are published annually or every two years.

ZHURNAL OBSHCHEY BIOLOGII -(Journal on general biology)
Contains reviews in Western languages since 1956.

In German:

"Berichte ueber die wissenschaftliche Biologie"
(Reports on scientific biology)

6.7.8.16.21.24.25.38M.77.82.83.90.91.93.188.

BASF. BFL. BI. F₁. FH. HnI. H105. Ki29. MPIB. MPIM. MPIV.

"Zeitschriften-Uebersicht der Deutschen Medizinischen
Wochenschrift" (Journal review of the "German Medical Weekly")

1a.4.5.6.7.8.12.16.18.21.24.25.29.38M.77.95.

B843M. BGK. BI. IFU.KF. MPIB. MPIMF.

"Deutsche Zeitschrift fuer die gesamte gerichtliche
Medizin" (German journal for the entire science of Forensic Medicine)

"Heilkunst" (Medical science) . Munich.

5.7.16.19.21.38M.BGK.

"Die Medizin der Sowjetunion und der Volksdemokratien
in Referaten" (The medical science of the Soviet Union and the
people's democracies in abstracts). Vol. 1ff. Berlin: Volk und
Gesundheit (The people and health) 1954ff.

38M.

Published quarterly by Professor Dr. S. RAPAPORT.

A comprehensive, valuable abstract organ with indices. Only the
slowness in reporting is a disadvantage. Division according to the
contents, with special stress on the history of medicine. About 120
journals are being abstracted and listed in every number. Quarterly
and annual indices of authors.

"Mikroskopie" (Microscopy)

1a.5.6.7.8.16.18.19.21.38.77.84.90.91.93.

BASF. BGK. BI. Bs68. F₁. IFU.

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"Zentralblatt fuer Arbeitsmedizin und Arbeitsschutz"
(Central periodical for worker's medicine and worker's protection).
Darmstadt.

5.6.7.12.16.17.21H.25.29.38M.77.IFU.

In English:

Abstracts of Soviet Medicine. 1957ff. Published by the
Excerpta Medica Foundation.

Contains abstracts in English translations from the
MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE (Medical abstract review) and
original abstracts.

Abstracts of World Medicine. London. 1a.5.38M.
Published by the British Medical Association.

International Abstracts of Biological Sciences (Formerly
called: British Abstracts of Medical Sciences). London, New York:
Pergamon Press. Edited by the Council of Biological and Medical Ab-
stracts, Ltd. Since January 1957, translations of Soviet abstracts
have been included which have been selected from the publications
BIOLOGIYA and BIOLOGICHESKAYA KHIMIYA of the REFERATIVNYY ZHURNAL.

The Journal of the American Medical Association. Chicago.
1a.4.5.6.7.8.12.16.18.19.21.24.25.38M.77.95.BGK.IFU.

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IIIb. Bibliographies:

"Bibliographischer Anzeiger" (Bibliographic indicator).
Published by the Eastern European Institute at the Berlin Free Uni-
versity. Medical Sciences. For the first 6 months 1953ff. Berlin
1954ff.

About 25 Soviet medical translations in German are divided
according to the contents. In number 2 the essays are divided into
63 fields. All titles quoted are available, in the Eastern European
Institute, in the form of short abstracts and can be ordered from
there either as abstract, a translation or a photostatic copy.
Address of the Eastern European Institute: Berlin-Dahlem, Hueninger-
Str. 44. Up to now only number 1 and 2 have been published.

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"Medizinischer Literaturnachweis" (Index of Medical Literature). Year 1ff. Berlin 1952ff. 1a.5.6.7.18.19.77.B843M.

Lists German and foreign books, journals and articles from journals to be found in the German State Library, Berlin. Soviet literature is listed separately since the German State Library bought a copy of all important Soviet works available in foreign countries. The titles are translated into German, contain a quotation of the journal and are divided into 78 groups according to the contents. The bibliography, published monthly, contains a subject index which is compiled into an annual index. Apart from the edition for general medicine, the various medical branches can be ordered in 6 respective editions.

The journals reviewed here are listed in:

"Medizin" (Medicine). Index of the medical journals subscribed by the German State Library. Berlin 1956.

The most comprehensive list of medical journals which contain among others also Soviet medical journals is:

MORTON, L.T.: World Medical Periodicals. Paris 1953.
Edited by the World Health Organization of Unesco. 7.16.18.188.

The center for scientific literature, Berlin w o, published a list of medical unpublished translations under the title: "Medizin" (Medicine). Unpublished Translations. Berlin: Akademie-Publishing House 1955 (List of Titles.4.). It contains 606 titles of translations which are divided according to the contents into 16 medical subsections. Smaller lists have been published since 1953.

A comprehensive bibliography of the Soviet medical literature is only available for the years 1941-1944 under the title:

IVANOV, B.A.; and Ye.V. LIST: SOVETSKAYA LITERATURA PO MEDITSINE. UKAZATEL' KNIG I STATEY 1941-1944 (Soviet Literature on Medicine. Index of books and articles 1941-1944). Moscow 1948.

Current Bibliography:

Excerpta Medica. Amsterdam 1947ff.

Lists titles translated into English.

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A bibliography of translated scientific reports:

KOENIG, Elizabeth: Medical research in the Soviet Union. Recent reports from Western sources. Bethesda, Maryland: National Institutes of Health 1957. Contains 69 titles of books and essays in Western languages, especially in English, with annotations.

Personal bibliographies:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. SERIYA MEDITSINSKIKH NAUK (Material on biobibliographies of USSR scientists. Series of medical sciences). Vyp 6 (Issue No. 6). Moskva 1953ff. la.7.

The series contains biographies of Russian and Soviet medical scientists with attached subjective and objective personal bibliographies.

IIIc. Documentation:

"Osteuropa-Institut der Freien Universitaet Berlin. Referat Medizin" (Eastern European Institute of the Free University Berlin, Medical Science). Berlin-Dahlem, Hueningerstr. 44.

The exchange center for Soviet medical literature has been affiliated with the Eastern European Institute since 1951. About 80 medical journals are being evaluated. At the time being the information service is based on 10,000 short abstracts on punch cards DIN A5. Summaries on special fields of Soviet medicine have been published in the series "Berichte. Reihe Medizin" (Reports. Series Medicine). Until 1956, ten issues have appeared, such as on the development of Soviet medical science, PAWLOV's doctrine, cancer research and cancer control, Soviet neurology and psychiatry, the organization of public health, control of tuberculosis and venereal diseases, biochemistry of the nervous system, tick-borne encephalitis etc. "Bibliographischer Anzeiger" (Bibliographical indicator) published the number 1 and 2, Berlin. 1954, containing abstracts from 25 Soviet journals. Abstracts, translations and photostatic copies can be ordered from the Eastern European Institute. For comparison see: "Die Medizin in der Sowjetunion" (Medical science in the Soviet Union). In: German Research Service. (Bad Godesberg, Suedstr. 136). No. 50, 1956.

National Institute of Health, Bethesda 14, Maryland, USA.
Issues translations.

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A directory of the medical and biological research institutes of the USSR is being prepared which will be issued in cooperation with the Soviet Ministry of Health. (For comparison see: Monthly Bulletin of scientific documentation and terminology 1956, No. 11, P.20; 1957, No. 2 p.10).

IIIId. Dictionaries:

Soon to be published:

A Russian-English medical dictionary. Edited by the National Institutes of Health, Bethesda 14, Maryland, USA.

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B. Theoretical Medicine

I. Anatomy, Embryology

I. There are no translated journals.

II. Non-Translated Journals:

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII (Archives for Anatomy, Histology and Embryology) 1a.38M. B843M. SV.

IIIa. Abstracts in:

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE ABOBRENIYE. NORMAL'NAYA I PATOLOGICHESKAYA MORFOLOGIYA S EMBRIOLOGIYEV (Soviet medical abstract review. Normal and pathological morphology with embryology). B843M.

One volume is published annually. Soviet, German and foreign works are abstracted.

IIIb. Bibliography:

In: "Anatomischer Anzeiger" (Anatomic indicator). Jena. 5.6.7.8.16.18.21.AnI.24.25.29.38M.77.95.188.BGK.IFU.

2. Physiology

I. Translated Journals:

BYULLETEN' EKSPERIMENTAL'NOY BIOLOGII I MEDITSINY (Journal for experimental biology and medicine) 1a.B843M.F₁. SV.

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Translated by the Consultants Bureau, New York, under the title: Bulletin of experimental biology and medicine. 1956ff.

The biological part of

DOKLADY AKADEMII NAUK SSSR (Reports of the USSR Academy of Sciences) has been translated under the title: Proceedings of the Academy of Sciences of the USSR. Biological Science.

*ZHURNAL VYSSHEY NERVNOY DEYATEL'NOSTI IMENI I.P.PAVLOVA

1a.7.B843M.SV.

has been translated as "PAVLOV Journal of heightened nervous activity". Published at long intervals by the Publishing House of Volk und Gesundheit (People and Health). Berlin.

7.B843M.

Summary:

MUELLER, H.: "Die Lehre I.P. PAVLOV's und ihre Anwendung in der Medizin der Sowjetunion" (I.P. PAVLOV's doctrine and its application in medicine in the USSR). 1953. (Reports of the Eastern European Institute of the Free University Berlin, H.9.).

II. Non-Translated Journals:

FIZIOLOGICHESKIY ZHURNAL SSSR IMENI I.M. SECHENOVA

(USSR Physiological Journal imeni I.M. SECHENOV)

1a.12.38M.B843M.SV.

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FIZIOLOGICHESKIY ZHURNAL (Physiological Journal) 38M.F₁.

IZVESTIYA AKADEMII NAUK KAZAKHSKOY SSR. SERIYA MEDITSINY

I FIZIOLOGII (Reports of the Academy of Sciences of the Kazakh SSR. Medical and physiological series).

18.B843M.

MATERIALY PO EVOLYUTSIONNOY FIZIOLOGII (Material on evolution physiology)

OPYT IZUCHENIYA REGULYATSII FIZIOLOGICHESKOY FUNKTSII V YESTESTVENNYKH SUSHCHESTVOVANIYAKH ORGANIZMOV (Research experiments on regulation of the physiological functions of organisms under natural conditions)

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PATOLOGICHESKAYA FIZIOLOGIYA I EKSPERIMENTAL'NAYA
TERAPIYA (Pathological physiology and experimental therapy) B843M.

PROBLEMY FIZIOLOGICHESKOY OPTIKI (Problems of physio-
logical optics) la.B43.

PROBLEMY FIZIOLOGICHESKOY AKUSTIKI (Problems of physio-
logical acoustics) la.7.

TRUDY INSTITUTA FIZIOLOGII IMENI I.P. PAVLOVA AKADAMII
NAUK SSSR (Proceedings of the institute of physiology imeni I.P.
PAVLOV of the USSR Academy of Sciences) 38M.B843M.

TRUDY INSTITUTA VYSSHEY NERVNOY DEYATEL'NOSTI AKADEMII
NAUK SSSR. SERIYA FIZIOLOGICHESKAYA (Proceedings of the institute
of heightened nervous activity of the USSR Academy of Sciences.
Physiological series) la.

TRUDY INSTITUTA VYSSHEY NERVNOY DEYATEL'NOSTI AKADEMII
NAUK SSSR. SERIYA PATOFIZIOLOGICHESKAYA (Proceedings of the in-
stitute of heightened nervous activity of the USSR Academy of Scien-
ces. Patho-physiological series) la.38M.

TRUDY VSESOYUZNOGO OBSHCHESTVA FIZIOLOGOV, BIOKHIMIKOV I
FARMAKOLOGOV (Proceedings of the All-Union Society of Physiologists,
Biochemists and Pharmacologists) la.38M.

ZHURNAL OBSHCHEY BIOLOGII (Journal for general biology)
la.12.25.B843M.LeI.SV.

IIIa. Abstracts in:

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
NORMAL'NAYA I PATOLOGICHESKAYA FIZIOLOGIYA, BIOKHIMIYA, FARMAKOLOGIYA,
TOKSIKOLOGIYA (Soviet medical abstract review. Normal and patho-
logical physiology, biochemistry, pharmacology, toxicology) B843M.

Published in 4 issues per annum. Reviews Soviet,
German and foreign works.

In German:

"Berichte ueber die gesamte Physiologie und experimentell
Pharmakologie" (Reports on the entire science of physiology and ex-
perimental pharmacology) STAT

la.5.6.11.16.18.19.21.24.38M.77.BGK.KI.IFU.MF.MPIB.

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"Zeitschrift fuer Altersforschung" (Journal for Age Research).

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IIIb. Bibliographies:

Personal bibliographies:

DUBE, W.: Iwan Petrowitsch PAWLOW (Ivan Petrovich PAVLOV). Bibliography of the publications of his works in German. Leipzig 1953. 1a.5.6.7.18.21.24.28.77.83.

KRAUSE, G., and DUBE, W.: "Die Lehre I.P. PAWLOWS. Bibliographie deutschsprachiger Veroeffentlichungen" (The doctrine of I.P. PAVLOV. Bibliography of publications in German). Plus supplement I. Berlin 1955. 6.7.21.38M.BGK.

3. "Physiologische Chemie", (einschliesslich Ernaehrung)
(Biochemistry) (Including foodstuffs)

(for comparison see "Biochemistry" in paragraph "Chemistry" p. 57f).

I. Translated Journals:

BIOKHIMIYA (Biochemistry).

1a.7.12.18.38M.B843M.BFL.F₁.LeI.

Contains summaries in Western languages since 1956.

Translated by the Consultants Bureau, New York, under the title: Biochemistry. 1956ff. 6.18.SV.

DOKLADY AKADEMII NAUK SSSR (Reports of the USSR Academy of Sciences).

1a.5.7.12.16.18.21.38.82.89.93.250.

BGK. B23. B843M. Bs68. Due6. F₁. FHI. LeI. SV. Wi6.

The biochemical articles of these Reports are translated by the Consultants Bureau, New York, and forming together the periodical: Proceedings of the Academy of Sciences of the USSR. Biochemistry section. 1957ff. A bi-monthly publication.

Summary:

GASTROV, M.: "Die Biochemie des Nervensystems" (The biochemistry of the nervous system). 1956. (Reports of the Eastern European Institute at the Free University Berlin. H.26.).

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II. Non-Translated Journals:

TRUDY VSESOYUZNOGO OBSHCHESTVA FIZIOLOGOV, BIOKHEMIKOV I FARMAKOLOGOV (Proceedings of the All-Union Society of Physiologists, Biochemists and Pharmacologists) 1a.38M.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA VITAMINNOY PROMYSHLENNOSTI (Proceedings of the All-Union Scientific Research Institute of Vitamin Industry) 38M.

*TRUDY. VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKIY VITAMINNYY INSTITUT (Proceedings. All-Union Scientific Research Institute of Vitamin Research) 38M.

UKRAINSKIY BIOKHEMICHESKIY ZHURNAL (Ukrainian Biochemical Journal) 7.F₁.SV.

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VITAMINNYE RESURSY I IKH ISPOL'ZOVANIYE (The Vitamin Resources and their Utilization). A compilation.

VOPROSY MEDITSINSKOY KHIMII (Questions of Medical Chemistry) 38M. B843M.

VOPROSY PITANIYA (Questions of Nourishment) 1a.B843M.

IIIa. Abstracts in:

REFERATIVNYY ZHURNAL. BIOLOGICHESKAYA KHIMIYA. (Abstract Journal. Biological Chemistry) F₁. LeI.

REFERATIVNYY ZHURNAL. KHIMIYA (Abstract Journal. Chemistry) 7.93.LeI.

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE. NORMAL'NAYA I PATOLOGICHESKAYA FIZIOLOGIYA, BIOKHEMIYA, FARMAKOLOGIYA, TOKSIKOLOGIYA (Soviet Medical Abstract Review. Normal and pathological physiology, biochemistry, pharmacology, toxicology). B843M. Published 4 issues per annum. Revises Soviet, German and foreign works.

BIOKHEMIYA (Biochemistry). Contains Western languages abstracts since 1956.

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In German:

"Chemisches Zentralblatt" (Central Periodical for Chemistry). Year lff. Berlin 1830ff.
1a.4.5.6.7.8.12.16.17.18.21Cl.24.25.38.77.82.84.89.
90.91.93.188.250.
BASF. BI. B43. Bs68. Ds11. E₁. FH. FHI. F₁. H105. IFU.
Ki29. MF. MPIB. MPIC. MPIK. MPIMF. VDZ. Wi6. ZSH.

"Vitamine und Hormone". Referatenteil. (Vitamins and Hormones. Abstracts.) Vol. 1 et sq. ~~Leipzig. Acad. Verl. Ges.~~ 1950ff.
38M.

"Zeitschrift fuer Altersforschung" (Journal for Age Research). Dresden, Leipzig.

In English:

Chemical Abstracts. Vol lff. Easton/Pa. 1907ff.
1a.4.5.6.7.17.18.21.25.38.77.82.83.84.89.90.91.93.188.250.
BASF. BI. B43. Ds11. E₁. FH. FHI. F₁. IFU. Ki29. MF. MPIB.
MPIE. MPIF. MPIK. MPIP. MPIV.

IIIb. Bibliography:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. SERIYA BIOKHMII
(Material on biobibliographies of USSR scientists. Biochemical series) 7.
The series lists biographies with attached subjective and objective personal bibliographies of Russian and Soviet biochemists.

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4. Pathology

I. No translated journals.

II. Non-Translated Journals:

ARKHIV PATOLOGII (Archives for Pathology) 12.38M.B843M.SV.

PATOLOGICHESKAYA FIZIOLOGIYA I EKSPERIMENTAL'NAYA TERAPIYA
(Pathological Physiology and Experimental Therapy) B843M.
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TRUDY INSTITUTA KRAYEVOY PATOLOGII (Proceedings of the Institute of Local Pathology)

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IIIa. Abstracts in:

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.

NORMAL'NAYA I PATOLOGICHESKAYA MORFOLOGIYA S EMBRIOLOGIYEV (Soviet Medical Abstract Review. Normal and Pathological Morphology with Embryology). B843M.

One volume is annually published. Reviews Soviet, German and foreign works.

In German:

"Berichte ueber die allgemeine und spezielle Pathologie" (Reports on General and Special Pathology). Springer Verlag.
5.6.9.16.21.25.38M.77.188.BGK.IFU.

5. "Hygiene und medizinische Mikrobiologie" (einschliesslich Arbeitsmedizin) (Hygiene and Medical Microbiology - Including Occupational Medicine)

(For comparison see paragraph "Microbiology" in section "Biology", p.65f.)

I. Translated Journals:

MIKROBIOLOGIYA (Microbiology) 1a.12.16.18.29.B843M.F₁.SV.

Contains abstracts in Western languages since 1956.

Translated under the title: Microbiology. Announced by the Consultants Bureau, New York, for 1957ff.

SOVETSKOYE ZDRAVOOKHRANENIYE (Soviet Care of Public Health)

1a.B843M.

Translated under the title: "Sowjetischer Gesundheitsschutz" (Soviet Care of Public Health). Berlin 1956ff. 38M.SV.

VOPROSY VIRUSOLOGII (Questions of Virology).

Translated by the Pergamon Press, New York, under the title: Questions of Virology. Announced for 1957ff.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII

(Journal for Microbiology, Epidemiology and Immunobiology)

1a.38M.B843M.SV.

Translated by the Pergamon Press, New York, under the title: Journal of microbiology, epidemiology and immunobiology. Announced for 1957ff.

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Summary:

HOERNING, B.: "Die Sowjetische Helminthologie" (Soviet Helminthology). 1957. (Reports of the Eastern European Institute of the Free University, Berlin. In print.)

II. Non-Translated Journals:

VEZORASNOST' TRUDA V PROMYSHLENNOSTI (Workers' Protection in Industry) B843M.

BOR'BA S SILIKOZOM. SBORNIK STATEY (Fight against Silicosis. Collection of articles) B843M.

*GIGIYENA I SANITARIYA (Hygiene and Sanitation) 1a.B843M.SV.

GIGIYENA TRUDA I PROFESSIONAL'NYYE ZABOLEVANYA (Hygiene and Occupational Diseases) B843M.

*MEDITSINSKAYA PARAZITOLOGIYA I PARAZITRANYYE BOLEZNI (Medical Parasitology and Parasitic Diseases) 1a.38M.B843M.SV.

MEDITSINSKAYA SESTRA (The nurse) 1a.B843M.

OSNOVY TSESTODOLOGII (Bases of Cestodology) 1a.

OSNOVY NEMATODOLOGII (Bases of Nematodology)

PARAZITOLOGICHESKIY SBORNIK (Parasitological Collection) 1a.7.B843M.F₁.

SOTSIAL'NOYE OBESPECHENIYE (Social Security) B843M.

SOVETSKOYE ZDRAVOOKHRANENIYE (Soviet Care of Public Health) B843M.

SOVETSKOYE ZDRAVOOKHRANENIYE KIRGISII (Soviet Care of Public Health in Kirghizia) B843M.

TRUDY TSENTRAL'NOGO NAUCHNO-ISSLEDOVATEL'SKOGO DESINFETSIONNOGO INSTITUTA (Proceedings of the Central Scientific Research Institute of Desinfection)

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38M.

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TRUDY INSTITUTA MIKROBIOLOGII AKADEMII NAUK SSSR
(Proceedings of the Institute of Microbiology of the USSR Academy
of Sciences) 38.38M.F₁.

TRUDY SEKTORA MIKROBIOLOGII (Proceedings of the Micro-
biological Branch)

TRUDY VSESOYUZNOGO INSTITUTA GEL'MINTOLOGII (Proceedings
of the All-Union Institute of Helminthology) F₁.

USLOVIYA ZHIZN' I ZDROROV'YE (Living Conditions and
Health) B843M.

VODOSNABZHENIYE I SANITARNAYA TEKHNIKA (Water Supply
and Sanitary Engineering) B843M.

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VOPROSY OKHRANY MATERINSTVA I DETSTVA (Questions of
Mother and Child Protection) B843M.

ZA SOTSIALISTICHESKOYE ZDRAVOOKHRANENIYE UZBEKISTANA
(For the Socialist Care of Public Health in Uzbekistan) B843M.

ZDOROVIE (Health) B843M.

ZDRAVOOKHRANENIYE BELORUSSII (Care of Public Health
in Belorussia) B843M.

ZDRAVOOKHRANENIYE KAZAKHSTANA (Care of Public Health
in Kazakhstan) B843M.

ZDRAVOOKHRANENIYE ROSSIYSKOY FEDERATSII (Care of
Public Health in the Russian Federation)

ZDRAVOOKHRANENIYE TADZHIKISTANA (Care of Public
Health in Tadzhikistan) B843M.

IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL. 4-Y RAZDEL: ORGANIZAT-
SIYA ZDRAVOOKHRANENIYE, ISTORIYA MEDITSINY, GIGIYENA I SANITARIYA,
EPIDEMIOLOGIYA, MEDITSINSKAYA RADIOLOGIYA (Medical Abstract Journal.
Part 4: Organization for the Care of Public Health, History of Medi-
cine, Hygiene and Public Health, Epidemiology and Medical Radiology)

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MIKROBIOLOGIYA (Microbiology). Publishes abstracts in Western languages since 1956.

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE. MIKROBIOLOGIYA, INFEKTSIONNYE BOLEZNI, EPIDEMIOLOGIYA (Soviet Medical Abstract Review. Microbiology, Contagious Diseases, Epidemiology).

B843M.

Is published annually in 3 numbers. Reviews Soviet, German and foreign works.

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE, GIGIYENA I SANITARIYA, ISTORIYA MEDITSINY (Soviet Medical Abstract Review. Care of Public Health, Hygiene and Public Health, History of Medicine)

B843M.

Is published in 3 issues per annum. Reviews Soviet, German and foreign works.

In German:

"Zeitschrift fuer Immunitaetsforschung" (Journal for Immunity Research) Jena.

"Zentralblatt fuer Arbeitsmedizin und Arbeitsschutz" (Central Periodical for Occupational Medicine and Workers' Protection) Darmstadt. 5.6.7.12.17.21H.25.29.38M.77.BGK.IFU.

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"Zentralblatt fuer Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene" (Central Periodical for Bacteriology, Parasitology, Infectious Diseases and Hygiene). Stuttgart.

1a.5.6.7.8.12.16.18.21.24.29.38M.77.91.95.
BASF. BFL. BGK. BI. F₁. FH. HnI. IFU. MPIV.

6. Pharmacology:

I. Translated Journals:

FARMAKOLOGIYA I TOKSIKOLOGIYA (Pharmacology and Toxicology) 38M.B843M.SV.

Translated by the Consultants Bureau, New York, under the title: Pharmacology and toxicology. Announced for 1957ff.

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II. Non-Translated Periodicals:

ANTIBIOTIKI (Antibiotics) B843M.
Contains reviews in Western languages since 1956.

APRECHNOYE DELO (Pharmaceutical Trade) 1a.B843M.

MEDITSINSKAYA PROMYSHLENNOST' SSSR (The Medical
Industry of the USSR)

TERAPEVTICHESKIY AKRHIV (Therapeutical Archives)
1a.12.38M.N843M.LeI.SV.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA
ANTIBIOTIKOV (Proceedings of the All-Union Scientific Research
Institute of Antibiotics) 38M.

TRUDY VSESOYUZNOGO OBSHCHESTVA FIZIOLOGOV, BIOKHIMIKOV,
I FARMAKOLOGOV (Proceedings of the All-Union Society of Physio-
logists, Biochemists and Pharmacologists) 1a.38M.

IIIa. Abstracts in:

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
NORMAL'NAYA I PATOLOGICHESKAYA FIZIOLOGIYA, BIOKHIMIYA, FARMA-
KOLOGIYA, TOKSIKOLOGIYA (Soviet Medical Abstract Journal. Normal
and pathological physiology, biochemistry, pharmacology, toxicology)
B843M.

Is published in 4 issues per annum. Reviews Soviet,
German and foreign works.

In German:

"Literaturueberblick der Zeitschrift "Pharmakologische
Therapie". Berichte ueber die gesamte Physiologie und experimentelle
Pharmakologie" (Literary Review of the journal "Pharmacological Ther-
apy". Reports on the entire science of physiology and experimental
pharmacology).

1a.5.6.11.16.18.19.21.24.38M.77.BGK.BI.IFU.MF.MPIB.

"Pharmazeutische Zentralhalle fuer Deutschland" (Pharma-
ceutical Central Store for Germany). Dresden: Steinkopff.

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7. Radiotherapy

I. Translated Journals:

ATOMNAYA ENERGIYA (Atomic Energy) 83.91.B843M.F24.SV.
Translated by Associated Technical Services, East Orange/N.Y.
under the title: Soviet Journal of Atomic Energy 1956 et sq.
82.84.91.BI.MPIPC.

Is divided up into sections. Section "Application of radioactive isotopes" can be ordered separately for the year 1956. For 1957ff only the entire translated journal can be ordered from the Consultants Bureau, New York.

The International Journal of Applied Radiation and Isotopes. Vol 1ff. New York, London 1956ff. 83.MPIMF.

Professor V.N. KONDRATYEV of the USSR Academy of Sciences is one of the editors, thus the cooperation of Soviet radiologists is guaranteed.

Conference reports translated into English:

Remote Consequences of Radiation. New York 1957.
aa Reports, translated into English, of the Conference on damage by radiation.

Symposium on Radiobiology. Seven reports by Soviet biologists from the Institute of Genetics and the Institute of Biophysics, Academy of Sciences of the USSR. (Ed. by) Consultants Bureau, New York, New York 1956.

II. Non-Translated Journals:

BIOFIZIKA (Biophysics) F₁.SV.

MEDITITSINSKAYA RADIOLOGIYA (Medical Radiology) 38M.B843M.

TRUDY INSTITUTA BIOLOGICHESKOY FIZIKI (Proceedings of the Institute of Biophysics) 1a.F₁.

TRUDY INSTITUTA. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT RENTGENOLOGII I RADIOLOGII IMENI V.M. MOLOTOVA MINISTERSTVA ZDRAVOOKHRANENIYA RSFSR (Proceedings of the Institute. The Central Scientific Research Institute of Roentgenology and Radiology imeni V.M. MOLOTOV of the RSFSR Ministry of Public Health)

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VESTNIK RENTGENOLOGII I RADIOLOGII (Herald for Roentgenology and Radiology) 1a.38M.B843M.SV.

IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL. 4-Y RAZDEL:
ORGANIZATSIYA ZDRAVOOKHRANENIYE ISTORIYA MEDITSINY, GIGIYENA I
SANITARIYA, EPIDEMIOLOGIYA, MEDITSINSKAYA RADIOLOGIYA (Medical
Abstract Journal. 4th Part: Organization of Public Health,
History of Medicine, Hygiene and Care of Public Health, Epidemiology,
Medical Radiology)

Journal de radiologie, d'électrologie et archives
d'électricité medical (Journal for Radiology, Electro-technics and
archives of Medical Electricity). Paris.

1a.4.5.6.18.21.38M.188.IFU.

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"Ultraschall". Hrg. von der Wissenschaftlichen Ver-
einigung fuer Ultraschallforschung (Ultrasound. Published by the
Scientific Association for Ultrasound Research). Bonn, Stuttgart:
Hirzel. Since 1957 under the title: "Internationale Rundschau fuer
physikalische Medizin" (International Review for Physical Medicine)

5.7.12.16.18.2438M.82.

"Zentralblatt fuer die gesamte Radiologie" (Central
Periodical for the Entire Science of Radiology)

4.5.6.7.8.12.16.21C.25.38M.77.188.BGK.IFU.MPLM.

Summaries:

of Soviet publications are contained in the "Sammel-
referaten" (Collection of Abstracts) of "Fortschritte auf dem Gebiet
der Roentgenstrahlen und der Nuklearmedizin" (Progress in the Field
of Roentgen Rays and Nuclear Medicine)

4.6.7.8.12.16.18.25.38M.77.BGK.SV.

C. APPLIED MEDICINE

I. Internal Medicine (Including endocrinology and balneology)

I. Translated Journals:

PROBLEMY GEMATOLOGII I PERILIVANIYA KROVI (Problems of
Hematology and Blood Transfusion) 1a.38M.B843M.

Translated by the National Institute of Health, Bethesda,
Maryland, under the title: Journal of Hematology and Blood Trans-

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VOPROSY VIRUSOLOGII (Questions of Virology)

B843M.

Translated by the Pergamon Press, New York, under the
title: Questions of Virology. Announced for 1957 et sq.

ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII
((Journal for Microbiology, Epidemiology and Immunobiology)

1a.38M.B834M.SV.

Translated by the Pergamon Press, New York, under the
title: Journal of Microbiology, Epidemiology and Immunobiology.
Announced for 1957ff.

Summaries:

FREYMAN, R.: "Epidemiologie, Klinik und Therapie der
Neurovirusinfektionen" (Epidemiology, Clinical Treatment and Therapy
of Neuro-virus Infections). 1957. (Reports of the Eastern European
Institute of the Free University Berlin. In print.)

MUELLER, H.: "Die Bekaempfung der Tuberkulose im zaristi-
schen Russland und in der Sowjetunion" (The Fight against Tubercu-
losis in Tsarist Russia and in the Soviet Union) 1955. (Reports of
the Eastern European Institute of the Free University Berlin. H.21).

II. Non-Translated Journals:

KLINICHESKAYA MEDITSINA (Clinical Medicine)
1a.21.38M.B843M.LeI.SV.

PROBLEMY ENDOKRONOLOGII I GORMONOTERAPII (Problems of
Endocrinology and Hormone Therapy) 1a.38M.B843M.SV.

PROBLEMY TUBERKULEZA (Problems of Tuberculosis)
12.38M.B843M.SV.

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOY FIZICHESKOY
KULTURY (Questions of Balneology, Physiotherapy and Hygienic Gym-
nastics) 1a.B843M.

IIIa. Abstracts in:

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
VNUTRENNIYE BOLEZNI (Soviet Medical Abstract Review. Internal Di-
seases).

B843M.

Is published in 3 numbers per annum. Reviews Soviet,
German and foreinworks.

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SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
KURORTOLOGIYA, KURORTOTERAPIYA, FIZIOTERAPIYA (Soviet Medical
Abstract Review. Balneology, Balneal Therapy, Physiotherapy) B843M.

Is published in 2 issues per annum. Reviews Soviet,
German and foreign works.

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
MIKROBIOLOGIYA, INFEKSIONNYE BOLEZNI, EPIDEMIOLOGIYA (Soviet
Medical Abstract Review. Microbiology, Contagious Diseases,
Epidemiology) B843M.

Three numbers are published annually. Reviews Soviet,
German and foreign works.

MEDITSINSKIY REFERATIVNYY ZHURNAL. I - RAZDEL: VNUTREN-
NYE BOLEZNI, INFEKSIONNYE BOLEZNI, ENDOCRINOLOGIYA, NEVROPATOLO-
GIYA I PSIKHIATRIYA, KURORTOLOGIYA, FIZIOTERAPIYA I LECHEBNAYA FIZ-
KUL'TURA, KOZHNYE I VENERICHESKIYE BOLEZNI (Medical Abstract
Journal. Part I: Internal Diseases, Contagious Diseases, Endocrino-
logy, Neuro-pathology and Psychiatry, Balneology, Physiotherapy and
Hygienic Gymnastics, Skin and Venereal Diseases)

In German:

"Kongresszentralblatt fuer die gesamte Medizin und ihre
Grenzgebiete" (Congress Central Periodical for the Entire Science
of Medicine and its Related Fields).

1a.5.6.7.8.16.18.21.25.38M.77.188.IFU.MPIMF.

"Zeitschrift fuer Altersforschung" (Journal for Age
Research) Dresden, Leipzig.

"Zeitschrift fuer Immunitaetsforschung" (Journal for
Immunity Research) Jena.

"Zeitschrift fuer Rheumaforschung" (Journal for Research
of Rheumatism) Darmstadt. 4.5.6.7.8.12.16.17.18.21.38M.77.BGK.IFU.

"Zeitschrift fuer Tuberkulose" (Journal for Tuberculosis)
Leipzig.

"Zentralblatt fuer Bakteriologie, Parasitenkunde, Infek-
tionskrankheiten ud Hygiene" (Central Periodical for Bacteriology,
Parasithology, Infectious Diseases and Hygiene) Stuttgart.

1a.5.6.7.8.12.16.18.21.24.29.38M.77.91.

BASF. BFL. BI. BGK. KH. F₁. HnI. IFU. MPIV.

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"Zentralblatt fuer die gesamte Tuberkuloseforschung"
(Central Periodical for the Entire Research of Tuberculosis)
5.6.7.8.12.16.18.21M.25.29.38M.BGK. IFU.

IIIb. Bibliography:

REVMATIZM. BIBLIOGRAFIYA OTECHESTVENNOY LITERATURY
1934-1953 (Rheumatism. Bibliography of the Soviet Literature from
1934-1953) Kharkov 1954.

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2. Surgery

I. Translated Journals:

*VOPROSY NEYROKHIRURGII (Questions of Neurosurgery)
38M.B843M.SV.

Translated by the Consultants Bureau, New York, under the
title: Problems of Neurosurgery. Announced for 1957ff.

VOPROSY ONKOLOGII (Questions of Oncology) 1a.38M.B843M.SV.

Translated by the Pergamon Press, New York, under the
title: Questions of Oncology. Announced for 1957ff.

Summary:

BRANDT, M.: "Krebsforschung und Krebsbekaempfung in der
Sowjetunion" (Cancer Research and Cancer Control in the Soviet
Union) 1956. (Reports of the Eastern European Institute of the Free
University Berlin. H.22)

II. Non-Translated Journals:

KHIRURGIYA (Surgery) 1a.38M.B843M.SV.

EKSPERIMENTAL'NAYA KHIRURGIYA (Experimental Surgery)
1a.38M.B843M.

As supplement contains abstracts in Western languages
since 1956.

NOVOSTI MEDITSINY. RANNYAYA DIAGNOSTIKA RAKA (Medical
News. The Early Diagnosis of Cancer) 1a.B843M.

NOVYY KHIRURGICHESKIY ARKHIV (New Surgical Archives) B843M.

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PROBLEMY NEYROKHIRURGII. SBORNIK TRUDOV NAUCHNO-
ISSLEDOVATEL'SKOGO INSTITUTA NEYROKHIRURGII (Problems of Neuro-
surgery. Collections of publications of the Scientific Research
Institute of Neurosurgery)

TRUDY INSTITUTA KLINICHESKOY I EKSPERIMENTAL'NOY KHIRURGII
(Proceedings of the Institute of Clinical and Experimental Surgery)

*UROLOGIYA (Urology) 1a.B843M.SV.

*~~VESTNIK KHIRURGII IMENI I.I.GREKOVA~~ (Herald for Surgery
imeni I.I.GREKOV) 12.38M.B843M.SV.

Since 1956 contains abstracts in Western languages as
supplement.

VOPROSY GRUDNOY KHIRURGII (Questions of Thorax Surgery) 38M.

IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL'. 2-RAZDEL: KHIRURGIYA,
NEYROKHIRURGIYA, TRAVMATOLOGIYA I ORTOPEDIYA, UROLOGIYA, ONKOLOGIYA,
OTORINOLARINGOLOGIYA, OFTALMOLOGIYA, STOMATOLOGIYA (Medical Abstract
Journal; 2nd Part: Surgery, Neurosurgery, Traumatology, and Orthopedy,
Urology, Oncology, Otorhinolaryngology, Ophthalmology, Stomatology)

-129- SOVETSKOYE MEDITSINSKKOYE REFERATIVNOYE OBOZRENIYE.
KHIRURGIYA (Soviet Medical Abstract Review. Surgery) B843M.
A quarterly. Reviews Soviet, German and foreign works.

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
ONKOLOGIYA (Soviet Medical Abstract Review. Oncology) B843M.
One volume is published annually. Reviews Soviet, German
and foreign works.

VESTNIK KHIRURGII IMENI I.I.GREKOVA (Herald for Surgery
imeni I.I. GREKOV)
Since 1956 contains abstracts in Western languages.

In German:in:

"Archiv fuer Geschwulstforschung" (Archives for Tumor Re-STAT
search). Dresden. Leipzig 38M.

"Zeitschrift fuer Urologie" (Journal for Urology)

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"Zentralblatt fuer Chirurgie" (Central Journal for Surgery)

1a..5.6.7.8.12.16.18.21C.25.38M.77.188.95.BGK.IFU.

"Zentralblatt fuer Neuchirurgie" (Central Journal for Neurosurgery)

5.12.16.19.21N.25.38M.77.BGK.IFU.

"Zentralorgan fuer die gesamte Chirurgie" (Central Organ for the Entire Science of Surgery)

5.6.7.8.16.21C.38M.77.188.BGK.IFU.

In English in:

CHESKOSLOVENSKA ONKOLOGIYA (Czechoslovakian Oncology)
Vol 1ff. Bratislava 1956ff. Published by the Slovakian Academy of Sciences in Pressburg. Every number contains book reviews in English of the new publications of the Soviet Union on oncological problems.

3. Orthopedy

I. No translated Journals

II. Non-Translated Journals:

ORTOPEDIYA, TRAVMATOLOGIYA I PROTEZIROVANITE (Orthopedy, Traumatology and Prothetic Science) 1a.B843M.SV.

IIIa. Abstracts Periodical:

MEDITSINSKIY REFERATIVNIY ZHURNAL. 2-Y RAZDEL: KHIRURGIYA, NEYROKHIRURGIYA, TRAVMATOLOGIYA I ORTOPEDIYA, UROLOGIYA, ONKOLOGIYA, OTORINOLARINGOLOGIYA, OFTALMOLOGIYA, STOMATOLOGIYA (Medical Abstract Journal. Part II: Surgery, Neurosurgery, Traumatology, and Orthopedy, Urology, Oncology, Otorhinolaryngology, Ophtalmology, Stomatology).

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4. Ophtalmology

I. No translated Journals

II. Non-Translated Journals:

OFTAL'MOLOGICHESKIY ZHURNAL (Ophtalmological Journal) B843M.SV.

*VESTNIK OFTAL'MOLOGII (Herald of Ophtalmology)

1a.21A.38M.B843M.SV.

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IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL: 2-Y RAZDEL:
 KHIRURGIYA, NEYROKHIRURGIYA, TRAVMATOLOGIYA I ORTOPEDIYA, UROLOGIYA,
 ONKOLOGIYA, OTORINOLARINGOLOGIYA, OPTALMOLOGIYA, STOMATOLOGIYA
 (Medical Abstract Journal. Part II: Surgery, Neurosurgery, Trauma-
 tology, and Orthopedy, Urology, Oncology, Otorhinolaryngology, Ophtal-
 mology, Stomatology)

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
 GLAZNYY BOLEZNI. (Soviet Medical Abstract Review. Eye Diseases) B843M.
 An annual. Reviews Soviet, German and foreign works.

Archives d'ophtalmologie et Revue générale d'ophtal-
 mologie (Ophtalmological Archives and General Review of Ophtalmology)

"Zentralblatt fuer die gesamte Ophtalmologie und ihre
 Grenzgebiete" (Central Periodical for the Entire Science of Ophtal-
 mology and its Related Fields)

5.6.7.8.16.18.19.21A.38M.77.188.BGK.IFU.

American Journal of Ophtalmology. Chicago.
 Edited by the Ophtalmological Publications Co.
 1a.4.5.6.7.8.16.18.25.28M.77.IFU.

5. Obstetrics and GynecologyI. No translated JournalsSummary:

MUELLER-DIETZ, W.: "Die Fuersorge fuer Mutter und Kind in
 der Sowjetunion" (The Care of Mother and Child in the Soviet Union)
 (Reports of the Eastern European Institute of the Free University,
 Berlin. In preparation).

II. Non-Translated Journals:

AKUSHERSTVO I GINEKOLOGIYA (Obstetrics and Gynecology)
 12.38M.B843M.SV.

FEL'DSHER I AKUSHERKA (The Medical Assistant and
 Midwife)

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 1a.B843M.

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IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL. 3-Y RAZDEL:
AKUSHERSTVO I GINEKOLOGIYA , DETSKIYE BOLEZNI (Medical Abstract
Journal. Part 3: Obstetrics and Gynecology, Children's Diseases)

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
AKUSHERSTVO I GINEKOLOGIYA (Soviet Medical Abstract Review.
Obstetrics and Gynecology) B843M.

An annual. Reviews Soviet, German and foreign works.

In German:

"Berichte ueber die gesamte Gynaekologie und Geburts-
hilfe sowie deren Grenzgebiete (Reports on the Entire Science of
Gynecology and Obstetrics and their Related Fields)

1a.6.8.16.21.38M.188. BGK. IFU. MPIMF.

6. Neuropathology and PsychiatryI. Translated Journals:

*VOPROSY NEYROKHIRURGII (Questions of Neurosurgery)
38M.B843M.SV.

Translated by the Consultants Bureau, New York, under the
title: Problems of Neurosurgery. Announced for 1957ff.

*ZHURNAL NEVROPATOLOGII I PSIKHIATRII IMENI S.S.KORSAKOVA
(Journal of Neuropathology and Psychiatry imeni S.S.KORSAKOV)
1a.12.B843M.SV.

Translated by the Consultants Bureau, New York, under the
title: S.S.KORSAKOV: Journal of Neuropathology and Psychiatry.
Announced for 1957ff. B843M.

La Raison (The Mind). Cahiers de psychopathologie scienti-
fique (Journal of Scientific Psychopathology) Year 1ff. Villejuif
1951ff.

Translations from unpublished Soviet works in the field of
neurophysiology and psychopathology. Several numbers are devoted
completely to the PAVLOV theory and its application in the fields
mentioned above. They supplement the "Leçons sur le travail des
hémisphères cérébraux" (Lectures on the work of the hemispheres
of the cerebrum) which represent another series of the "Cahiers de
médecine soviétique (Journal for Soviet Medicine)

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PageSummaries:

LUSTIG, B.: "Die Sowjetische Psychiatrie" (Soviet Psychiatric) 1955. (Reports of the Eastern European Institute of the Free University Berlin H.17)

A summary on the development of child psychiatry in the USSR published in the journal: "Deutsches Gesundheitswesen" (German Care of Public Health) 10 (1955) H.34

5.6.7.8.12.24.25.21N.77.B843M.IFU.MF.

A summary in French:

WORTIS, Joseph: La psychiatrie soviétique. (Soviet Psychiatry) Paris: Presses universitaires de France 1953.

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II. Non-Translated Journals:

NEVROPATOLOGIYA I PSIKHIATRIYA (Neuropathology and Psychiatry) 38M.B843M.SV.

PROBLEMY NEYROKHIRURGII. SBORNIK TRUDOV NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA NEYROKHIRURGII (Problems of Neurosurgery. A Collection of works of the Scientific Research Institute of Neurosurgery)

IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL. I-Y RAZDEL: VNURENNIYE BOLEZNI, INFEKSIONNIYE BOLEZNI, ENDOKRINOLOGIYA, NEVROPATOLOGIYA, I PSIKHIATRIYA, KURORTOLOGIYA, FIZIOTERAPIYA I LECHEBNAYA FIZKUL'TURA, KOZHNIYE I VENERICHESKIYE BOLEZNI (Medical Abstract Journal. Part I: Internal Diseases, Contagious Diseases, Endocrinology, Neuropathology, and Psychiatry, Balneology, Physiotherapy and Hygienic Gymnastics, Skin and Venereal Diseases)

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE. NEVROPATOLOGIYA I PSIKHIATRIYA (Soviet Medical Abstract Review. Neuropathology and Psychiatry)

A semi-annual. Reviews Soviet, German and foreign works.

"Neuralmedizin". Abschnitt: Zeitschriftenreferate. (Neural Medicine. Abstracts of Journals) 7.19.21N.24.38M. STAT

"Psychiatrie, Neurologie, und medizinische Psychologie" (Psychiatry, neurology and medical psychology). Leipzig: Hirzel. 38M.

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Psychological Abstracts.

"Zentralblatt fuer die gesamte Neurologie und Psychiatrie"
(Central Periodical for the Entire Science of Neurology and Psychiatry)
5.6.7.8.12.16.18.21N.25.38M.77.188.BGK. IFU.

"Zentralblatt fuer Neurochirurgie" (Central Periodical
for Neurosurgery) 5.6.9.38M.77.BGK.

7. OtorhinolaryngologyI. No translated JournalsII. Untranslated Journals

*VESTNIK OTO-RINO-LARINGOLOGII (Journal for Otorhinolaryn-
gology) 38M.B843M.SV.

IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNIY ZHURNAL. 2-Y PAKZDEL: KHIRURGIYA,
NEYROKHIRURGIYA, TRAVMATOLOGIYA, I ORTOPEDIYA, UROLOGIYA, ONKOLOGIYA,
OTORINOLARINGOLOGIYA, OFTALMOLOGIYA, STOMATOLOGIYA (Medical Abstract
Journal. Part 2: Surgery, Neurosurgery, Traumatology, and Orthopedy,
Urology, Oncology, Otorhinolaryngology, Ophthalmology, Stomatology)

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SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE.
BOLEZNI UKHA, GORLA I NOSA (Soviet Medical Abstract Review. Otorhino-
laryngological Diseases) B843M.

An annual. Reviews Soviet, German and foreign works.

In German:

"Deutsches Zahn-, Mund- und Kieferheilkunde" (German Dental,
Stomatological and Maxillary Science). Leipzig.

"Zentralblatt fuer Hals-, Nasen- und Ohrenheilkunde sowie
deren Grenzgebiete" (Central Periodical for Otorhinolaryngology and
its Related Fields)

5.6.7.8.16.19.21 NHO.25.38M. 77.BGK. IFU.

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8. Treatment of Children's Diseases

I. No translated Journals

Summaries:

MUELLER-DIETZ, W.: "Die Fuersorge fuer Mutter und Kind in der Sowjetunion" (The Care of Mother and Child in the Soviet Union) (Reports of the Eastern European Institute of the Free University Berlin. In preparation).

A summary on the development of children's psychiatry in the USSR published in "Deutsches Gesundheitswesen" (German Care of Public Health) 10 (1955) H.34. 4.16.38M.95.282.

II. Untranslated Journals:

*PEDIATRIYA (Pediatrics) 12.B843M.SV.

VOPROSY PEDIATRII I OKHRANY MATERINSTVA I DETSTVA (Questions of Pediatrics and the Care of Mother and Child) 38M.B843M. The publication has ceased in 1953.

IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNIY ZHURNAL. 3-Y RAZDEL: AKUSHERSTVO I GINEKOLOGIYA, DETSKIYE BOLEZNI (Medical Abstract Review. Part 3: Obstetrics and Gynecology, Children's Diseases)

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE. DETSKIYE BOLEZNI (Soviet Medical Abstract Review. Children's Diseases) B843M.

An annual. Reviews Soviet, German and foreign works.

In German:

"Zentralblatt fuer die gesamte Kinderheilkunde" (Central Periodical for the Entire Science of Pediatrics) 5.6.7.8.12.16.19.21K.25.38M.77.188.BGK.IFU.

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9. Dermatology

I. No translated Journals

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Summary:

MUELLER-DIETZ, H.: "Bekaempfung der Geschlechtskrankheiten in der Sowjetunion und in der Sowjetischen Besatzungszone Deutschlands" (The Fight Against Venereal Diseases in the Soviet Union and in the Soviet-occupied Zone of Germany) 1956. (Reports of the Eastern-European Institute of the Free University Berlin H.25)

II. Untranslated Journals:

*VESTNIK VENEROLOGII I DERMATOLOGII (Herald of Venerology and Dermatology) 38M.B843M.SV.

IIIa. Abstracts in:

SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE. KOZHNYE I VENERICHESKIYE BOLEZNI (Soviet Medical Abstract Review. Skin and Venereal Diseases) B843M. An annual. Reviews Soviet, German and foreign works.

MEDITSINSKIY REFERATIVNYY ZHURNAL. I-Y RAZDEL: VNUTRENNYIE BOLEZNI, INFEKTSIONNYIE BOLEZNI, ENDOKRINOLOGIYA, NEVROPATOLOGIYA, I PSIKHIATRIYA, KURORTOLOGIYA, FIZIO-TERAPIYA I LECHEBNAYA FIZKUL'TURA, KOZHNYE I VENERICHESKIYE BOLEZNI (Medical Abstract Review. Part I: Internal Diseases, Contagious Diseases, Endocrinology, Neuropathology, and Psychiatry, Balneology, Physiotherapy and Hygienic Gymnastics, Skin and Venereal Diseases)

In German:

"Zentralblatt fuer Haut-und Geschlechtskrankheiten" (Central Periodical for Skin and Venereal Diseases) 5.6.7.8.16.21H.25.29.38M.77.188.BGK.IFU.

10. Dental Science (Including Stomatology)

I. No translated Journals

II. Untranslated Journals:

*STOMATOLOGIYA (Stomatology) 1a.B843M.SV.

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IIIa. Abstracts in:

MEDITSINSKIY REFERATIVNYY ZHURNAL. 2-Y RAZDEL: KHIRURGIYA, NEYROKHIRURGIYA, TRAVMATOLOGIYA I ORTOPEDIYA, UROLOGIYA, ONKOLOGIYA, OTORINOLARINGOLOGIYA, OFTALMOLOGIYA, STOMATOLOGIYA (Medical Abstract Review. Part 2: Surgery, Neurosurgery, Traumatology and Orthopedy, Urology, Oncology, Otorhinolaryngology, Ophthalmology, Stomatology)

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SOVETSKOYE MEDITSINSKOYE REFERATIVNOYE OBOZRENIYE. STOMATOLOGIYA (Soviet Medical Abstract Review. Stomatology) B843M.
An annual. Reviews Soviet, German and foreign works.

In German:

"Deutsche Stomatologie" (German Stomatology). Berlin: Verlag Volk und Gesundheit 38M.

"Deutsche Zahn-, Mund- und Kieferheilkunde" (German Dental, Stomatological and Maxillary Science) Leipzig.

5.6.7.19.21 ZI.25.38M.77.188.BGK.BI.

11. Veterinary MedicineI. No translated JournalsII. Untranslated Journals:

SBORNIK RABOT. LENINGRADSKIY VETERINARNYY INSTITUT (Collection of works. Leningrad Veterinary Institute) 95.

TRUDY MOSKOVSKOY VETERINARNOY AKADEMII (Proceedings of the Moscow Academy of Veterinary Medicine)

TRUDY VSESOYUZNOGO INSTITUTA EKSPERIMENTAL'NOY VETERINARII (Proceedings of the All-Union Institute of Experimental Veterinary Science) 95.

*VETERINARIYA (Veterinary Science) 15.95.B843M.

IIIa. Abstracts in:

"Landwirtschaftliches Zentralblatt. Abt.4: Veterinaermedizin" (Central Periodical for agriculture. Section 4: Veterinary medicine) Year lff. Berlin 1955ff.

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Mention should be made of the paragraph "Biology" in this connection, p 60ff, since the biological journals also contain agricultural subjects according to the Soviet view of a close connection between theory and practice.

A. Miscellaneous

I. Translated Journals:

DOKLADY VSESoyuznogo ~~ORDENA~~ LENINA AKADEMII SEL'SKOKHOZ-YAYSTVENNYKH NAUK IMENI V.I. LENINA (Reports of the All-Union Academy of Agriculture-imeni-V.I. LENIN) 1a.18.98.H105.SV.

Translated by the Consultants Bureau, New York, under the title: Reports of the V.I. LENIN Academy of Agricultural Sciences. Announced for 1957ff.

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DOSTIZHENIYA NAUKI I PEREDOVOY OPYT V SEL'SKOM KHOZYAYSTVE (Achievements of Science and Advanced Experience Gained in Agriculture)

Translated by the Consultants Bureau, New York, under the title: Achievements of science and advanced experience in agriculture. Announced for 1957ff.

II. Untranslated Journals:

IZVESTIYA AKADEMII NAUK ARMYANSKOY SSR. BIOLOGICHESKIYE I SEL'SKOKHOZYAYSTVENNYE NAUKI (News of the Academy of Sciences of the Armenian SSR. Biological and Agricultural Sciences) 7.

IZVESTIYA AKADEMII NAUK ESTONSKOY SSR. SERIYA SEL'SKOKHOZ-YAYSTVENNYKH NAUK (News of the Academy of Sciences of the Estonian SSR. Agricultural series) B843M.

IZVESTIYA AKADEMII NAUK UZBEKSKOY-SSR. SERIYA BIOLOGICHESKIKH I SEL'SKOKHOZYSYSTVENNYKH NAUK (News of the Academy of Sciences of the Uzbek SSR. Biological and agricultural series)

IZVESTIYA TIMIRYAZEVSKOY SEL'SKOKHOZYAYSTVENNOY AKADEMII (News of the Timiryasev-Academy of Agriculture) 1a.98.

KOLKHOZNOYE PROIZVODSTVO (Kolkhoz Production) 1a.7.98.B843W.

KRESTYANKA (The Peasant Woman)

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MATERIALY PO ISTORII ZEMLEDELIYA V SSSR (Material on
the History of Agriculture in the USSR) 1a.

SEL'SKOYE KHOZYAYSTVO (Agriculture) 1a.6.12.98.B843W.H105.

SEL'SKOYE KHOZYAYSTVO KIRKIZII (The Agriculture of the
Kirghiz SSR)

*SOTSIALISTICHESKOYE SEL'SKOYE KHOZYAYSTVO (Agriculture
in Socialist Countries)

TRUDY CENTRAL'NOGO INSTITUTA PROGNOZOV. GLAVNOYE UPRAV-
PENIYE GIDROMETEOROLOGICHESKOY SHUZBY. MINISTERSTVO SEL'SKOGO KHOZ-
YAYSTVA SSSR (Proceedings of the central institute of water forecats.
Chief administration of the hydrometeorological service. USSR Ministry
of Agriculture) 7.

ZEMLEDELIYE (Agriculture) 98.H105.

IIIa. Abstracts in:

"Die Deutsche Landwirtschaft" (German Agriculture)

Hungarian Agricultural Review.

"Landwirtschaftliches Zentralblatt" (Central Periodical
for Agriculture). Berlin 1955ff. 7.8.98.BGK. IFU.Ki29.Wi6.

"Tierzucht" (Stock Breeding) Berlin: Deutscher Bauern-
verlag

Summaries in:

"Aus der Sowjetischen Landwirtschaft" (Soviet Agriculture)
Edited by the Federal Ministry for Food, Agriculture and
Forestry, Berlin representation. Is published monthly.

IIIb. Bibliography:

Bibliography of Agriculture. Edited by the US Department
of Agriculture. Washington.

Bibliography of Soil Science, Fertilizers and General
Agronomy. Harpenden.

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"Inhaltsverzeichnis Sowjetischer Fachzeitschriften.
R.4: Land- und Fortwirtschaft" (Table of Contents of Soviet
Scientific Journals. Series 4: Agriculture and Forestry) Berlin:
Zentralstelle fuer Wissenschaftliche Literatur 1952ff.

"Internationales Handbuch der Bibliographien des Land-
baus" (International Manual of the Bibliographies of Agriculture)
Edited by Rudolf LAUCHE, Braunschweig, Bundesallee 50. Is just
about to be published. -Lists 79 Soviet scientific bibliographies
on agriculture.

"Land- und Forstwirtschaft" (Farming and Forestry)
Public Scientific Library in Berlin. Journal Catalogue I.1953.

"Liste unveroeffentlichter Uebersetzungen aus allen
Sprachen. Naturwissenschaften, Medizin, Land- und Fortwissenschaft"
(List of unpublished translations from all languages. Science,
Medicine, farming and forestry) List 1ff. Berlin 1954ff. Published
by the Center for Scientific Literature, Berlin W 8, Unter den Linden
8. The titles are divided into the mainfields according to the con-
tents. The 3rd list has been published in December 1955.

NAUKA I TEKHNIKA V SEL'SLOM KHOZYAYSTVE. KRATKIY
REKOMENDATEL'NIY UKAZATEL' (Science and engineering in agriculture.
Short table of contents as a recommendation). Moskva 1955

IIIa. Documentation:

"Bibliothek der Biologischen Bundesanstalt fuer Land-
und Forstwirtschaft (Library of the Biological Federal Institution
for Farming and Forestry) Berlin-Dahlem und Braunschweig-Gliesmarode.

U.S. Department for Agriculture, Washington 25, D.C.

B. Agrobiology

I. Translated Journals:

AGROBIOLOGIYA (Agrobiology) 1a.12.18.98.H105.
Translated by the Consultants Bureau, New York, under the
title: Agrobiology. Announced for 1957ff.

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II. Untranslated Journals:

NAUCHNYYE TRUDY FIZIOLOGIYA PITANIYA RESTENIY
(Scientific papers on the nutrition-physiology of plants) 1a.98.

PROBLEMY BIOKHMII V MICHURINSKOY BIOLOGII (Problems
of biochemistry in the biology of Michurin)

TRUDY INSTITUTA EKSPERIMENTAL'NOY BIOLOGII (Pro-
ceedings of the Institute of Experimental Biology)

TRUDY PO PRIKLADNOY BOTANIKE, GENETIKE I SELEKTSII
(Proceedings on applied botany, genetics and selection) 1a.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA
SEL'SKOKHOZYAYSTVENNOY MIKROBIOLOGII (Proceedings of the All-
Union Scientific Research Institute of Agricultural Microbiology) F₁.

IIIb. Bibliography:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. SERIYA
BIOLOGICHESKIKH NAUK. AGROBIOLOGIYA (Material on the biobiblio-
graphy of USSR scientists. Biological series. Agrobiology)
Vyp. 1ff. Moskva 1953 et sq. 12.7.18.

The series contains biographies with supplemented
subjective and objective personal bibliographies of Russian and
Soviet agrobiologists.

C. AgrochemistryI. Translated Journals:

DOKLADY AKADEMII NAUK SSSR (Reports of the USSR Academy
of Sciences)

12.5.6.7.8.12.16.18.21.38.82.83.89.93.250.

BGK. B23. B843M. Bs68. Due6. F₁. FHI. Le1. SV. W16.

The agrochemical essays of this journal are summed up in
English in the journal: Proceedings of the Academy of Sciences
of the USSR. Agrochemistry section. 1956ff.

II. Untranslated Journals:

BIOKHMIIYA ZERNA (Biochemistry of grain)

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NAUCHNIYE TRUDY. AGROKHMICHESKAYA OSNOVY POVY-SHENIYA EFFEKTIVNOSTI UDOBRENIY (Scientific Studies. Agro-chemical bases for an increase of fertilizer effectiveness)

TRUDY INSTITUTA POCHVODENIYA I AGROKHMII (Proceedings of the Institute of Soil Science and Agrochemistry)

v IIIa. Abstracts in:

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~~Zeitschrift fuer Pflanzenernaehrung, Duengung, Bodenkunde~~ (Journal for Plant Nutrition, Fertilization and Soil Science)

4.7.8.18.25.38.77.83.98.BGK.H105.HnI.IFU.Wi6.

D. Soil Science

I. Summary:

BUCHHOLZ, E.: "Der Kampf gegen die Duerre in der Sowjetunion" (Fight against the drought in the Soviet Union) Hamburg-Bergedorf 1950 (Reports of the Federal Institution for Forestry and Lumbering. Nr. 12)

II. Untranslated Journals:

GIDROTEKHNIKA I MELIORATSIYA (Hydroengineering and Melioration) 1a.89.B845L.

*POCHVOVEDENIYE (Soil Science) 1a.7.12.98.B843L.H105.Wi6. Since 1 January 1956 with summaries in French.

PROBLEMY SOVETSKOGO POCHVEDENIYA (Problems of Soviet Soil Science) 98.

PUSTYNI SSSR I IKH OSVOYENIYE. (The Deserts of the USSR and their Utilization) 1a.12.

RUKOVODSTVO DLYA POLEVYKH I LABORATORNYKH ISSLEDOVANIY POCHV (Manual for Field and Laboratory Research Work of Soils)



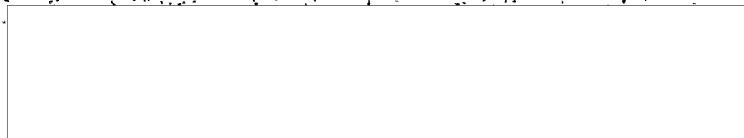
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SBORNIK RABOT CENTRAL'NOGO MUZEYA POCHVOVEDENIYA IM.
V.V. DOKUCHAYEVA AKADEMII NAUK SSSR (Collection of studies made by
the Central Museum for Soil Science imeni V.V. DOKUCHAYEV of the USSR
Academy of Sciences) 98.

*TRUDY INSTITUTA POCHVOVEDENIYA I AGROKHMII (Proceedings
of the Institute of Soil Science and Agrochemistry)

TRUDY POCHVENNOGO INSTITUTA IM. V.V. DOKUCHAYEVA AKADEMII
NAUK SSSR (Proceedings of the Institute of Soil Science imeni
V.V. DOKUCHAYEV of the USSR Academy of Sciences) 1a.7.98.F₁.

VOPROSY GEOLOGII AGRONOMICHESSKIKH RUD (Questions of the
Geology of Agricultural Minerals)

IIIa. Abstracts:

In German:

"Literaturberichte ueber Wasser, Abwasser, Luft und
Boden" (Literary reports on water, waste water, air and soil)

"Zeitschrift fuer Pflanzenernaehrung, Duengung, Boden-
kunde" (Journal for Plant Nutrition, Fertilization and Soil
Science)

4.7.8.18.25.38.77.83.98. BGK.H105.HnI.IFU.Wi6.

In French:

POCHVOVEDENIYE (Soil Science) 1a.7.12.98.H105.Wi6.

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In English:

Review of applied mycology. Kew, Surray HnI.

Soils and Fertilizers

Personal Bibliography:

MATERIALY K BIOBIBLIOGRAFIU UCHENYKH SSSR. SERIYA
POCHVOVEDENIYA (Material on the biobibliography of USSR scientists.
Series of soil science) Vyp. 1ff. STAT

The series lists biographies with supplemented subjective
and objective personal biographies of Russian and Soviet soil scien-
tists.

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IIIc. Documentation:

"Hessisches Landesamt fuer Bodenforschung" (Hesse Land
Soil Research Department), Wiesbaden, Mainzerstr. 25.

Card-indices and lists of new books are available.

E. Agricultural EngineeringII. Untranslated Journals:

*AVTOMOBIL'NAYA I TRAKTORNAYA PROMYSHLENNOST' (Car and
Tractor Industry) la.93.VDMA.

*GIDROTEKHNIKA I MELIORATSIYA (Hydroengineering and
Melioration) la.89.B843W.

MASHINO-TRAKTORNAYA STANTSIYA (Machine-Tractor
Station) la.B843W.

MEKHANIZATSIYA I ELEKTROFIKATSIYA SOTSIALISTICHESKOGO
SEL'SKOGO KHOZYAYSTVA (Mechanization and Electrification of
Socialist Agriculture) VDMA.

*SEL'KHOMASHINA (Agricultural Machines) la.7.VDMA.

TEKHISOVETY MTS (Technical Councils of the MTS)

F. Protection of PlantsII. Untranslated Journals:

KOLORADSKIY ZHUK I METODY BORBY S NIM (The Colorado
Beetle and its Control)

NAUCHNYYE TRUDY INSTITUTA ENTOMOLOGII I FITOPATOLOGII
(Scientific Proceedings of the Institute of Entomology and Phyto-
pathology) F₁.

TRUDY VSESOYUZNOGO INSTITUTA ZASHCHITY RASTENIY (Pro-
ceedings of the All-Union Institute of Plant Protection) la.F₁.

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"Nachrichtenblatt fuer den Deutschen Pflanzenschutzdienst" (News for the German Service of Plant Protection) Berlin-Ost.

"Phytopathologische Zeitschrift" (Phytopathological Journal) Berlin, Hamburg: Parey HnI

--141-

Review of applied entomology. London. HnI.

Review of applied mycology. Kew, Surrey HnI.

"Zeitschrift fuer Pflanzenkrankheiten und Pflanzenschutz" (Journal for Plant Diseases and Plant Protection) Stuttgart: Ulmer. Hn.l. H105.

G. Farming

II. II. Untranslated Journals:

KHLOPKOVODSTVO (Cotton Growing) la.

GIDROTEKHNIKA I MELIORATSIYA (Hydraulic Engineering and Melioration) la.

KORMOVAYA BAZA (Fodder Base) la.

MATERIALY PO ISTORII ZEMLEDELIYZ V SSSR (Material on the history of USSR agriculture) la.

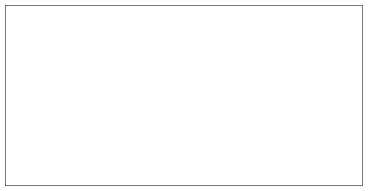
NUCHNOYE VOPROSY POLEZASHCHITNOGO LESORAZVEDENIYA (Scientific questions concerning the cultivation of protective tree belts)

SELEKTSIYA I SEMNOVEDSTVO (Selection and Seed Cultivation) 18.98.F₁.V.
Publication ceased at the end of 1953.

TRUDY KOMPLEKSNNOY NAUCHNOY EKSPEDITSII PO VOPROSAM POLEZASHCHITNOGO LESORAZVEDENIYA (Proceedings of the scientific expedition to study the planting of protective tree belts)

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TRUDY PO PRIKLADNOY BOTANIKE, GENETIKE I SELEKTSII
(Studies of applied botany, genetics and selection) la.F₁.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA
ZERNA I PRODUKTOV EGO PERERABOTKI (Proceedings of the All-Union
Scientific Research Institute of Grains and their Products)

ZEMLEDELIYE I ZHIVOTNOVODSTVO MOLDAVII (Farming and
Stock Breeding in Moldavia)

IIIa. Abstracts:

In German:

"Angewandte Botanik" (Applied Botany), Berlin-Dahlem HnI.

"Zeitschrift fuer Pflanzenernaehrung, Duengung, Boden-
kunde (Journal for Plant Nutrition, Fertilization and Soil
Science)

In English:

Herbage Abstracts.

Plant Breeding Abstracts.

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H. Stock Breeding

II. Untranslated Journals:

KARAKULEVODSTVO I ZVEROVODSTVO (Persian lamb and fur-bearing
animal breeding) la.

KONEVODSTVO (Horse Breeding) la.B843M.

KORMOVAYA BAZA (Fodder Base)

OVTSEVODSTVO (Sheep Breeding) la.

POCHELOVODSTVO (Apiculture) la.

PTITSEVODSTVO (Aviculture) STAT
la.

SOTSIALISTICHESKOYE ZHIVOTNOVODSTVO (Socialist Stock
la.B843W. and M.



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SOVETSKAYA ZOOTEKHNIKA (Soviet Stock Breeding) 1a.B843M.

TRUDY INSTITUTA MORFOLOGII ZHIVOTNYKH IMENI A.N. SEVERTSOVA AKADEMII NAUK SSSR (Proceedings of the Institute of Animal Morphology imeni A.N. SEVERTSOV of the USSR Academy of Sciences) 1a.18.F1.

TRUDY VSESOYUZHNOGO-ISSLEDOVATEL'SKOGO INSTITUTA GIBRIDIZATSII I AKKLIMATIZATSII ZHIVOTNYKH "ASKANIYA NOVA" IMENI M.F.IVANOVA (Proceedings of the All-Union Scientific Research Institute of Hybridisation and Acclimation of Animals "new Ascania" imeni M.F.IVANOV) F1.

TRUDY VSESOYUZHNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA KORMLENIYA SEL'SKOKHOZYAYSTVENNYKH ZHIVOTNYKH (Proceedings of the All-Union Scientific Research Institute of Animal Feeding) 98.

ZEMLEDELIYE I ZHIVOTNOVODSTVO MOLDAVII (Farming and Stock Breeding in Moldavia)

ZHIVOTNOVODSTVO (Stock Breeding) 1a.B843W and M.

IIIa. Abstracts in:

Animal Breeding Abstracts.

Dairy Science Abstracts.

Manuale lactis. (Milk Manual). Nuernberg.

"Tierzucht". (Stock Breeding)

"Der Zuechter" (The Breeder) Berlin, Goettingen, Heidelberg: Springer. HnI. H105.

I. Horticulture, Tobacco and Vine Growing

II. Untranslated Journals:

BIOKHIMIYA PLODOV I OVOSHCHY (Biochemistry of Fruit and Vegetables)

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*SAD I OGOROD (Orchard and Vegetable Garden) la.

"Tabak" (Tobacco) la.

VINODELIYE I VINOGRADARSTVO SSSR (Vinculture and
Viticulture of the USSR) la.IIIa. Abstracts in:

Horticultural Abstracts.

7. Forestry and Lumbering, Hunting and Fishing

The Soviet biological journals also contain many scientific studies on forestry. For comparison see paragraph "Biology" p.60ff.

A. Forestry and Lumbering, HuntingI. Translated Journals:Summaries on Soviet Forestry in German:

BUCHHOLZ, E.: "Entwicklungstendenzen der Sowjetischen Holzwirtschaft". In: "Zeitschrift fuer Weltforstwirtschaft" (Tendencies in the development of Soviet lumbering. In: Journal for World Forestry) 18 (1955) p. 181/184

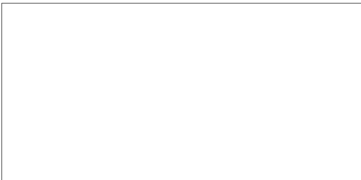
BUCHHOLZ, E.: "Der Kampf gegen die Duerre in der Sowjetunion" (Mitteilungen der Bundesanstalt fuer Forst- und Holzwirtschaft No. 12) (The fight against the drought in the Soviet Union. Report of the Federal Institution for Forestry and Lumbering No. 12), Hamburg-Bergedorf 1950.

BUCHHOLZ, E.: "Neue Zugmaschinen fuer das Ruecken ganzer Baeume in der Sowjetunion" (New tractors for moving entire trees in the USSR)

7.77.98.BGK.H105.HnI.IFU.

In: Forstarchiv (Forestry Archives) 27 (1956) p.148

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"Die Holzchemie in der Sowjetunion" (Chemistry of
Timber in the Soviet Union)

Published by the "Deutsche Volkswirtschaftliche Ge-
sellschaft" (German National Economic Society), Hamburg 1957.
Bericht No. 36/37).

II. Untranslated Journals:

DEREV'YA I KUSTARNIKI SSSR (Trees and Brushwood of
the USSR)

12.

LES I STEP (Forests and Steppes)

H105.

LESNOYE KHOZYAYSTVO (Forestry)

1a.7.12.B843W. Frei 5. H105. HnI.

LESNAYA PROMYSHLENNOST' (Lumber Industry)

1a.7. B843W. H105. HnI.

Laster lesa (Chief forester)

METODIKA IZUCHENIYA SAPROPELEVYKH OTLOZHENIY (Methods
applied in the Research of Sapropelic Deposits)

NAUCHNYYE VOPROSY POLEZASHCHITNOGO LESORAZVEDENIYA
(Scientific questions concerning the planting of protective tree
belts)

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OKHOTA I OKHOTNICH'YE KHOZYAYSTVO (Hunting and the
hunting industry)

1a.H105.

PRATSI INSTITUTU LISIVNITSTVA (Studies of the Institute
of Forestry)

H105.

SOOBSHCHENIYA INSTITUTA LESA AKADEMII NAUK SSSR (News of
the Institute of Forestry of the USSR Academy of Sciences)

TRUDY AKADEMII NAUK LITOVSKOY SSR. SERIYA B (Proceedings
of the Academy of Sciences of the Lithuanian SSR. Series B)

H105.

TRUDY INSTITUTA LESA AKADEMII NAUK SSSR (Proceedings
of the Institute of Forestry of the USSR Academy of Sciences)

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TRUDY INSTITUTA LESOKHOZYAYSTVENNYKH PROBLEM (Proceedings of the Institute of Forestry Problems) H105.

TRUDY PO IZUCHENIYU SAPROPELEVYKH OTLOZHENIY (Studies on the Research of Sapropelic Deposits)

TRUDY KOMPLEKSNOY NAUCHNOY EKSPEDITSII PO VOPROSAM POLZASHCHITNOGO LESORAZVEDENIYA (Proceedings of the scientific expedition to study the planting of protective tree belts)

TRUDY LABORATORII SAPROPELEVYKH OTLOZHENIY (Studies of the Laboratory for Sapropelic Deposits)

TRUDY LENINGRADSKOY ORDENA LENINA LESOTEKHNICHESKOY AKADEMII S.M.KIROVA (Proceedings of the Leningrad Academy of Forestry Engineering imeni S.M. KIROV) H105.

TRUDY VSESOYUZNOGO NAUCHNO-ISSLEDOVATEL'SKOGO INSTITUTA OKHOTNICH'YEGO PROMYSLA (Proceedings of the All-Union Scientific Research Institute of Hunting)

IIIa. Abstracts in:

"Allgemeine Forstzeitschrift" (General Periodical for Forestry) Munich

"Archiv fuer Forstwesen" (Forestry Archives). Berlin: Deutscher Bauernverlag (German Farmers' Publishing House). HnI. H105.

"Aus der Sowjetischen Landwirtschaft" (Soviet Agriculture) Published by the Federal Ministry for Food, Agriculture and Forestry, Berlin Office. 6th Year (1956)

Forestry Abstracts. Published by the Commonwealth-Forestry Bureau, Oxford.

"Forstwissenschaftliches Zentralblatt" (Scientific Journal of Forestry) Berlin. H105.

"Holzforschung" (Wood Research). Berlin: Technischer Verlag. H105.

"Holz-Zentralblatt" (Central Periodical for Lumber) Stuttgart H105.

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"Nachrichtenblatt fuer den Deutschen Pflanzenschutz"
(Journal for German Plant Protection). Berlin-Ost.

"Zeitschrift fuer Forstgenetik und Forstpflanzen-
zuechtung" (Journal for Forestry Genetics and the Cultivation
of Forests). Frankfurt/Main: Sauerlaender HnI.

"Zeitschrift fuer Weltforstwirtschaft" (Journal for
World Forestry) Reinbek near Hamburg. H105.

Separate abstracts and abstract collections.

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IIIb. Bibliography:

"Bibliographie des auslaendischen forst- und holz-
wirtschaftlichen Schrifttums" (Bibliography of foreign forestry
and lumber literature) Series I et sq. 1950ff.

6.12.18.25.38.98.282. H105. HnI.

Is published bi-monthly by the Federal Research Institute
of Forestry and Lumber (Bundesforschungsanstalt fuer Forst- und
Holzwirtschaft) Reinbek near Hamburg.

Centralized Title Service.

Published by the Commonwealth Forestry Bureau, Oxford.

"Inhaltsverzeichnisse Sowjetischer Fachzeitschriften"
R 4: Land- und Forstwirtschaft" (Tables of Contents of Soviet
Scientific Journals. Series 4: Agriculture and Forestry) Berlin:
"Zentralstelle fuer Wissenschaftliche Literatur" (Center for
Scientific Literature) 1952ff.

"Land- und Forstwirtschaft" (Agriculture and Forestry)
Berlin 1953 (Public Scientific Library Berlin. Journal-Catalogue I)

IIIc. Documentation:

"Bibliothek der Biologischen Bundesanstalt fuer Land-
und Forstwirtschaft" (Library of the Federal Biological Institute
of Agriculture and Forestry) Berlin-Dahlem and Braunschweig-Glies-
marode.

"Bundesforschungsanstalt fuer Forst-und Holzwirtschaft" STAT
(Federal Research Institute of Forestry and Lumber) Reinbek near
Hamburg. Card index available.

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B. FisheryII. Untranslated Journals:

IZVESTIYA VSESOYUZNOGO NAUCHNOGO-ISSLEDOVATEL'SKOGO
 INSTITUTA OZERNOGO I RECHNOGO RYBNOGO KHOZYAYSTVA (News of
 the All-Union Scientific Research Institute of Lake and River
 Control and Fishery)

MATERIALY PO KOMPLEKSNOMU IZUCHENIYU BELOGO MORYA
 (Material on the Complex Research of the White Sea)

RYBNOYE KHOZYAYSTVO (Fishery) 1a.

TRUDY SOVERSHCHEANIY, IKHTIOLOGICHESKAYA KOMISSIYA
 (Proceedings of meetings. Ichthyological Commission) 18.

VOPROSY ICHTIOLOGII (Questions of Ichthyology)

IIIb. Bibliography:

ROMANOV, N.S.: UKAZATEL' LITERATURY PO RYBNOMU
 KHOZYAYSTVU JUZHNYKH BASSEYNOV SSSR ZA 1918 - 1953)
 (Index of the literature on fishery in the USSR southern
 waters from 1918 - 1953) Moscow 1955.

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C. OUTLOOK

This selection of translations and bibliographies, of Soviet scientific journals and the references made in Western central periodicals show that there is a beginning in making Soviet literature accessible to the West and that progress has been made in this direction in the physical, chemical and medical field as well as in some technical fields. However, the task remains to expand and promote these first achievements for science and research.

Abstract journals, translations and documentation services for the individual scientific fields are still lacking. The number of Soviet works being abstracted can still be increased to a large extent. Not everything has to be translated into German which is already available in English or French. However, a bibliographical journal is necessary which if published semi-annually should list on an international scale all translations and references made to Soviet science.

The task remains to coordinate and to supplement the translated material being accessible to everybody, since in the Federal Republic of Germany many translations and evaluation studies are only carried out within a small circle of interested people or in an institute. Consequently, a joint institution, a directing and leading organization, is lacking which should cooperate on an international basis with the respective authorities abroad.

The USA, England and France which are discussing the financial and commercial problems of this scientific project are a step ahead.

The first international agreement on this task was reached at the 7th meeting of the Documentation Committee of the Advisory Group for Aeronautical Research and Development which took place in Brussels from 27 to 31 August 1956. Here, the speaker A.H. HOLLOWAY demanded the establishment of a Cooperative Group which should coordinate the translations made by the individual countries, try to avoid duplication in translation and tackle the translation of Soviet abstracts of those Soviet abstract journals which are not available in Western abstract organs in Western languages. (For comparison see the report made by Dr. A. KING at the meeting of the Cooperative Research Sub-Committee of the OECC of 14 January 1957 and the questionnaire of the OECC of 27 February 1957).

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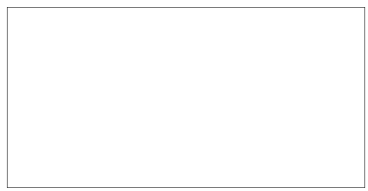


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Moreover, education suitable for this task which should promote the knowledge of Russian scientific language is lacking, therefore there are only a few scientists with an adequate knowledge of Russian. Russian language courses should be introduced at all universities in order to eliminate this deficiency. For the material, the Soviet journals and monographs are available and can be obtained in most cases. The mental effort, however, which is applied for the evaluation of this material is of decisive importance.

Whether these tasks can be carried out as functions of a future technical central library, a general central library or another central institution in the Federal Republic of whether another solution has to be found - all these questions cannot be answered here. The author does not want to examine whether the central-organized type of the USSR is worth of imitation. Anyway, efforts should be made to organize the evaluation of Soviet literature, to complete this modest review here and to continue it as an information documentation, and finally to coordinate the ever growing material of original studies, translations and abstracts into a complete reference book; thus science will be able to keep scientific studies written in Russian, technical essays, medical articles and research results in the field of agriculture and forestry as well as "products of the mind".

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LOGOGRAMMATIC LIST

of the

Libraries, Institute and Documentation Centers Mentioned in this Book

- 1a Westdeutsche Bibliothek (West German Library)
Marburg/Lahn, Universitaetsstr. 25
- 4 Universitaetsbibliothek (University Library)
Marburg/Lahn, Friedrichplatz 15
- 5 Universitaetsbibliothek (University Library)
Bonn, Am Hof 32/34
- 6 Universitaetsbibliothek (University Library)
Muenster/Westf., Bispinghof 24/25
- 7 Niedersaechsische Staats- und Universitaetsbibliothek
(State and University Library of Lower Saxony)
Goettingen, Prinzenstr. 1
- 12 Bayerische Staatsbibliothek (Bavarian State Library)
Muenchen 34, Arcisstr. 12
- 16 Universitaetsbibliothek (University Library)
Heidelberg, Ploeck 107/109
- 17 Hessische Landes- und Hochschulbibliothek
(Hesse Land and University Library)
Darmstadt, Schloss
- 18 Staats- und Universitaetsbibliothek (State and University Library)
Hamburg 13, Moorweidenstr. 40
- 19 Universitaetsbibliothek (University Library)
Muenchen, Geschwister-Scholl-Platz 1
- 21 Universitaetsbibliothek (University Library)
Tuebingen, Wilhelmstr. 32

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- 21 A Tuebingen, Augenklinik (Opthalmic Hospital)
- 21 A I Tuebingen, Astronomisches Institut (Astronomical Institute)
- 21 AnI Tuebingen, Anatomisches Institut (Anatomical Institute)
- 21 BI Tuebingen, Botanisches Institut (Botanical Institute)
- 21 C Tuebingen, Chirurgische Klinik (Surgical Hospital)
- 21 CI Tuebingen, Chemisches Institut (Chemical Institute)
- 21 GI Tuebingen, Geologisches Institut (Geological Institute)
- 21 H Tuebingen, Hautklinik (Skin Hospital)
- 21 HNO Tuebingen, Hals-, Nasen-, Ohren-Klinik
(Otorhinolaryngological Hospital)
- 21 K Tuebingen, Kinderklinik (Children's Hospital)
- 21 M Tuebingen, Medizinische Klinik (Medical Hospital)
- 21 N Tuebingen, Nervenklinik (Neurological Hospital)
- 21 ZI Tuebingen, Zahnarztliches Institut (Dental Institute)
- 22 Staatliche Bibliothek, (State Library)
Bamberg
- 24 Wuerttembergische Landesbibliothek
(Wuerttemberg Land Library)
Stuttgart, Urbanstr. 19
- 25 Universitaetsbibliothek (University Library)
Freiburg/Brsg., Rempoststr. 15
- 29 Universitaetsbibliothek (University Library)
Erlangen, Universitaetsstr. 1

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- 30 Stadt- und Universitaetsbibliothek
(City and University Library)
Frankfurt/Main, Untermainkai 14/15
- 38 Universitaets- und Stadtbibliothek
(University and City Library)
Koeln, Albertus-Magnus-Platz
- 38 M Universitaets- und Stadtbibliothek, Koeln,
Medizinische Abteilung
(University and City Library, Koeln, Medical Section)
Koeln-Lindenthal, Lindenburg
- 149- 77 Universitaetsbibliothek (University Library)
Mainz, Saarstr. 19
- 82 Bibliothek der Technischen Hochschule
(Library of the Technical College)
Aachen, Wuellnerstr,
- 83 Bibliothek der Technischen Universitaet
(Library of the Technical University)
Berlin-Charlottenburg, Hardenbergstr. 34
- 84 Bibliothek der Technischen Hochschule
(Library of the Technical College)
Braunschweig, Hamburger Str. 250
- 89 Bibliothek der Technischen Hochschule
(Library of the Technical College)
Hannover, Am Welfengarten 1
- 90 Bibliothek der Technischen Hochschule
(Library of the Technical College)
Karlsruhe, Hertzstr. 16, Bau 42
- 91 Bibliothek der Technischen Hochschule
(Library of the Technical College)
Muenchen, Walter-von-Dyck-Platz 1

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- 93 Bibliothek der Technischen Hochschule
(Library of the Technical College)
Stuttgart, Keplerstr. 10
- 95 Bibliothek der Tieraerztlichen Hochschule
(Library of the Veterinary College)
Hannover, Misburger Damm 16
- 98 Universitaetsbibliothek Bonn, Abteilung Landwirtschaft
(University Library Bonn, Agricultural Section)
Bonn, Meckenheimer Allee 172
- 104 Bibliothek der Bergakademie
(Library of the Mining Academy)
Clausthal-Zellerfeld, Hindenburgplatz 9
- 188 Universitaetsbibliothek der Freien Universitaet
(University Library of the Free University)
Berlin-Dahlem, Garystr. 45
- 250 Otto-Hahn-Bibliothek (Otto-Hahn-Library)
Goettingen, Bunsenstr. 10
- 282 Bibliothek des Statistischen Bundesamtes
(Library of the Federal Institute of Statistics)
Wiesbaden
- AEG Allgemeine Elektrizitaetsgesellschaft A.G.
(General Electric Company)
Berlin-Grunewald, Hohenzollerndamm 150
- BASF Literatur-Buero der Badischen Anilin- und Soda-Fabriken
(Literary Office of the Baden Aniline and Soda Works)
Ludwigshafen/Rhein
- BFL Bundesforschungsanstalt fuer Lebensmittelfrischhaltung
(Federal Research Institute of Preservation of Foodstuffs)
Karlsruhe, Kaiserstr. 12

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- BGK Berliner Gesamtkatalog (Berlin Master Catalogue)
Berlin-Dahlem, Garystr. 39
- BI Battelle-Institut e.V.
Frankfurt/Main, W 13, Wiesbadenerstr.
- Bs 68 Physikalisch-technische Bundesanstalt
(Federal Physical and Technical Institute)
Braunschweig, Bundesallee 100
- B 23 Wetterdienstbibliothek (Meteorological Library)
Bad Kissingen, Kurhausstr. 9
- B 43 Bundesanstalt fuer Materialpruefung
(Federal Institute of Material Testing)
Berlin-Zehlendorf, Unter den Eichen 87
- B 843 M Osteuropa-Institut der Freien Universitaet Berlin,
Abteilung Medizin
(Eastern European Institute of the Free University Berlin,
Medical Section)
Berlin-Dahlem, Ehrenbergstr. 35
- B 843 L Osteuropa-Institut der Freien Universitaet Berlin,
Abteilung Landeskunde
(Eastern European Institute of the Free University Berlin,
Country Geography Section)
Berlin-Dahlem, Ehrenbergstr. 35
- B 843 W Osteuropa-Institut der Freien Universitaet Berlin,
Abteilung Wirtschaft
(Eastern European Institute of the Free University Berlin,
Economic Section)
Berlin-Dahlem, Ehrenbergstr. 35
- DB Deutsches Bauzentrum e.V. (German Building Center)
Koeln, Hohenzollernring 79/81 bzw.
Stuttgart Dokumentationsstelle fuer Bautechnik
(as well as the Stuttgart Documentation Center for
Construction Engineering)
Stuttgart, Silberburgstr. 119 A

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DBD Deutsche Bundesbahn, Dokumentationsdienst
(German Railways, Documentation Center)
Offenbach/Main, Bieberer Str. 59

DGG Deutsche Glastechnische Gesellschaft e.V.
(German Company for Glass Engineering)
Frankfurt/Main, Untermainkai 12

-150- DVS Deutscher Verband fuer Schweisstechnik e.V.
(German Union for Welding Engineering)
Duesseldorf, Harkortstr. 23

Ds 11 Archiv Zellochemie im Institut fuer Cellulosechemie
der TH Darmstadt
(Archives of Cell Chemistry in the Institute of Cellulose
Chemistry of the Darmstadt Technical College)
Darmstadt, Alexanderstr. 24

Due 6 Verein Deutscher Eisenhuettenleute
(Union of German Forgery Workers)
Duesseldorf, Breite Str. 27

Due 28 VDI, Duesseldorf, Prinz-Georg-Str. 77

ETZ Schriftleitung der Elektrotechnischen Zeitschrift
(Editing Staff of the Electrotechnical Journal)

E₁ Bergbau-Buecherei (Mining Library)
Essen, Friedrichstr. 2

FH Farbwerke Hoechst (Hoechst Dye Works)
Frankfurt-Hoechst

FHI Fritz-Haber-Institut der Max-Planck-Gesellschaft
Berlin-Dahlem, Faradayweg 4/6

F₁ Senckenbergische Bibliothek (Senckenberg Library)
Frankfurt/Main, Senckenberganlage 27

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- Frei 5 Hauptbuecherei der forstlichen Abteilung der
 Universitaet Freiburg/Brsg.
 (Main Library of the Forestry Section of the
 University of Freiburg/Brsg.)

- F 24 Literarische Abteilung der Metallgesellschaft A.G.
 (Literary Section of the Metal Company)
 Frankfurt/Main, Reuterweg 14

- GDM Gesellschaft Deutscher Metallhuetten- und Bergleute e.V.
 (German Society of Metal and Mine Workers)
 Clausthal-Zellerfeld, Paul-Ernst-Str. 10, Schliessfach 51

- H 105 Bundesforschungsanstalt fuer Forst- und Holzwirtschaft
 (Federal Research Institute of Forestry and Lumbering)
 Reinbek bei Hamburg, Schloss Reinbek

- He 49 Astronomisches Recheninstitut
 (Astronomical Mathematical Institute)
 Heidelberg, Grabengasse 14

- Hn I Buecherei der Forstlichen Fakultaet der
 Universitaet Goettingen
 (Library of the Forestry Faculty of the
 Goettingen University)
 Hann.-Mueden, Werraweg 1

- IFU Ein Institut der Freien Universitaet Berlin
 (An Institute of the Free University Berlin)

- Ki 29 Bibliothek und Archiv der Bundes-Forschungsanstalt
 fuer Milchwirtschaft
 (Library and Archives of the Federal Research Institute
 of Dairy Farming)
 Kiel, Hermann-Weigmann-Str. 3/11

- Le I Kekulé-Bibliothek der Farbenfabriken Bayer
 (Kekulé Library of the Bayer Dye Works)
 Leverkusen

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- MF Medizinische Forschungsanstalt der Max-Planck-Gesellschaft
 (Medical Research Institute of the Max-Planck Society)
 Goettingen, Bunsenstr. 10

- MPIB Max-Planck-Institut fuer Biochemie
 (Max-Planck Institute of Biochemistry)
 Muenchen 15, Goethestr. 31

- MPIE Max-Planck-Institut fuer Eisenforschung
 (Max-Planck Institute for Iron-Research)
 Duesseldorf, August-Thyssen-Str. 1

- MPIK Max-Planck-Institut fuer Kohlenforschung
 (Max-Planck Institute for Mining Research)
 Muehlheim/Ruhr, Kaiser-Wilhelm-Platz 1

- MPIMF Max-Planck-Institut fuer Medizinische Forschung
 (Max-Planck Institute for Medical Research)
 Heidelberg

- MPIPC Max-Planck-Institut fuer Physikalische Chemie
 (Max-Planck Institute of Physical Chemistry)
 Goettingen

- MPIV Max-Planck-Institut fuer Virusforschung
 (Max-Planck Institute of Virus Research)
 Tuebingen

- Stg 4 Landesgewerbeamt (Land Trade Department)
 Stuttgart, Kienestr. 18

- SV Springer Verlag, Heidelberg, Neuenheimer Landstr. 24

- VDMA Verein der Maschinenbauanstalten (VdMA)
 (Union of Machinebuilding Works)
 Duesseldorf-Oberkassel, Schliessfach 309

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- VDZ Verein Deutscher Zementwerke e.V.
(Union of German Cement Works)
Duesseldorf

- Wi6 Hessisches Landesamt fuer Bodenforschung
(Hesse Land Department for Soil Research)
Wiesbaden, Mainzerstr. 25

- ZI Zinn-Informationsbuero, Dr. Ing. E. Keysselitz
(Tin Information Bureau, Dr. Ing. E. Keysselitz)
Duesseldorf, Kasernenstr. 13

- ZSH Zentralfachbuecherei Siemens & Halske
(Central Professional Library Siemens & Halske)
Muenchen 25, Hofmannstr.

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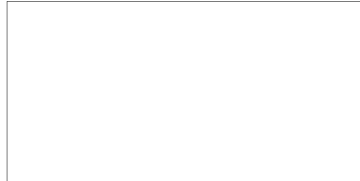
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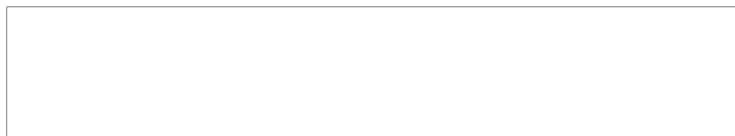
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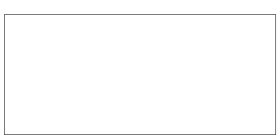
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