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CONSOLIDATED TRANSLATION SURVEY

Number 142

Through 31 October 1969

CENTRAL INTELLIGENCE AGENCY

Washington, D.C. 20505

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CONSOLIDATED TRANSLATION SURVEY

FOR OCTOBER 1969

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CONSOLIDATED TRANSLATION SURVEY

PREFACE

This survey is prepared monthly from lists received through the cooperation of US government agencies and includes universities, research institutions, and commercial translation organizations. It is a compilation of projects completed or started during the preceding month.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date of publication, and publication identifications of the completed project are given when available. Tables of contents of journals translated cover-to-cover are reproduced from the current publications.

Projects in process, i.e., not completed as of the date of this survey, are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title. Certain details may be unavailable on such projects. New projects in process are not listed again until they are completed.

An index to authors of items in this issue is provided at the end of the survey.

Scientific and technical translations are grouped according to the COSATI subject category list except for military science and ordnance items which are listed under "military" in the appropriate geographic areas.

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Washington, D. C. 20036

AIP

American Institute of Physics
335 East 45th Street
New York, New York 10017

Amer Math Soc

American Mathematical Society
P.O. Box 6248
Providence, Rhode Island 02904

APL/JHU

Applied Physics Laboratory
The Johns Hopkins University
8621 Georgia Avenue
Silver Spring, Maryland 20910

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British Iron and Steel Industry Translation Service
The Iron and Steel Institute
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FSTC

Defense Documentation Center
Cameron Station
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FTD

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GSFC - Goddard Space Flight Center (see CFSTI)

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Naval Intelligence Command Headquarters
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Soviet Physics ACOUSTICS

A Translation of "Akusticheskii Zhurnal"

(Russian Original Vol. 15, No. 2, pp. 151-320, April-June, 1969)

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Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

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A translation of the English title of the journal *Doklady Akad. Nauk SSSR*

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The Russian press dates (podpisano k pechati) of the first and last issues covered in this issue of the translation were, respectively, 12/23/1968 and 1/6/1969. Publication of the material translated in this issue therefore is known to have occurred not prior to the earlier of these dates, but must be assumed to have taken place at intervals starting reasonably soon after this date and ending shortly after the later date.

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Soviet Physics DOKLADY

A Translation of the "Physics Sections" of the
Proceedings of the Academy of Sciences of the USSR

(Russian Original Vol. 184, Nos. 4-5 (February, 1969))

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Soviet Physics DOKLADY

A Translation of the "Physics Sections" of the
Proceedings of the Academy of Sciences of the USSR

(Russian Original Vol. 185, Nos. 1-3, March, 1969)

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CORRECTIONS

The following corrections should be made in the English translation.

S. N. Černikov, *Groups with given properties for systems of infinite subgroups*, Vol. 7 (1966), no. 6, 1565-1568.

On page 1567, second line of Theorem 5, *direct product* should be *semidirect product*.

B. M. Budak; A. Vin'oli and Ju. L. Gaponenko, *On a method of regularizing the extremal problem for a continuous convex functional*, Vol. 10 (1969), no. 1, 4-7. In the table of contents and at the head of the article the second author's name should be A. Vignoli.

The following corrections are translated from pages 8 and 974 of Tom 185.

Li Hoang Tu, *Approximate minimax property of the R^2 test*, Vol. 9 (1968), no. 3, 689-690 (Russian Tom 180, 793-794).

On page 690 Equations (2) and (3) should be

$$O(1/N^k) \leq \alpha \leq 1 - O(1/\ln N). \quad (2)$$

$$1/N \ln N \leq \delta < 1. \quad (3)$$

The first line of Lemma should be

Lemma. *As $N \rightarrow \infty$ and for $(1/N) \ln N \leq \delta \leq (12k \ln N)/N$, $2/\ln N \leq C \leq (12k \ln N)/N$ there is a con-*

M. A. Gol'dman and S. N. Kračkovskiĭ, *Products, powers and contractions of homomorphisms*, Vol. 9 (1968), no. 4, 961-965 (Russian Tom 181, 1038-1041).

In Theorems 2 and 3 the assumption should be added that $\mathfrak{B}(B) \subset \mathfrak{R}(A)$, and correspondingly in the corollaries that $\mathfrak{B}(A) \subset \mathfrak{R}(A)$.

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Soviet Physics

DOKLADY

A Translation of the "Physics Sections" of the
 Proceedings of the Academy of Sciences of the USSR

(Russian Original Vol. 185, Nos. 4-6, April, 1969)

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 Publication therefore did not occur prior to this date, but must be assumed
 to have taken place reasonably soon thereafter.

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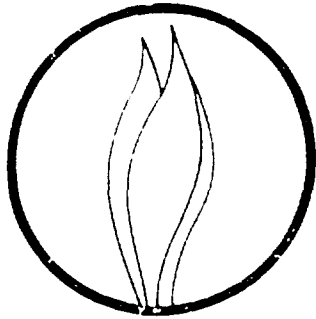
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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

Soviet Usage	American equivalent
Arch	cosh ⁻¹
Arcth	coth ⁻¹ (ctnh ⁻¹)
Arsh	sinh ⁻¹
Arth	tanh ⁻¹
arccos	cos ⁻¹ (arc cos)
arctg	cot ⁻¹ (arc cot)
arcsin	sin ⁻¹ (arc sin)
arctg	tan ⁻¹ (arc tan)
ch	cosh
cosec	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh



Soviet Electrical Engineering

The Faraday Press

cover to cover translation of *Elektricheskaya*

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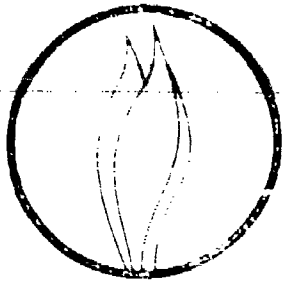
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Soviet ELECTRICAL ENGINEERING

The Faraday Press
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A Translation of "Fizika Tverdogo Tela"

(Russian Original Vol. 11, No. 3, pp. 561-856, March 1969)

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A translation of *Fiziologiya Rastenii*

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A translation of *Fiziologiya Rastenii*

Volume 16, Number 2

March-April, 1969

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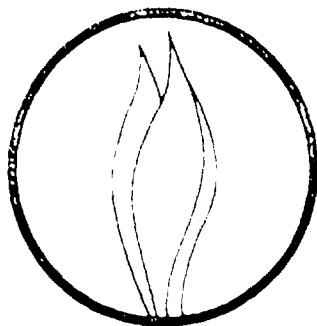
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Soviet Radiophysics

The Faraday Press
cover-to-cover translation
of *Izvestiya VUZ Radiofizika*

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A Translation of "Kristallografiya"

(Russian Original Vol. 13, No. 6, pp. 957-1020, November-December, 1969)

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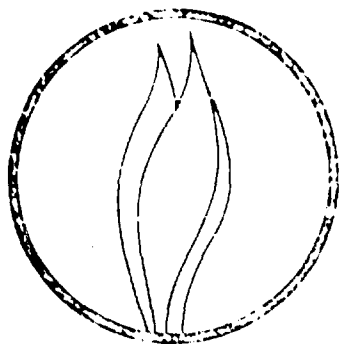
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Applied Biochemistry and Microbiology

The Faraday Press
cover-to-cover translation of
Priladnaya Biokhimiya i Mikrobiologiya

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a publication of the
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Single Issue \$35

Annual Subscription \$120

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The Faraday Press, Inc.

84 FIFTH AVENUE, NEW YORK, N. Y. 10011

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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	\cos^{-1}
Arcth	\cosh^{-1} (ctnh ⁻¹)
Arsh	\sinh^{-1}
Arth	\tanh^{-1}
arccos	\cos^{-1} (arc cos)
arctg	\cot^{-1} (arc cot)
arcsin	\sin^{-1} (arc sin)
arctg	\tan^{-1} (arc tan)
ch	cosh
cosec	csc
ctg	\cot (ctn)
cth	\cosh (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

SOVIET PUBLIC HEALTH

Vol. 28, No. 5, 1969

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RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR.....	Academy of Sciences, USSR
CC CPSU.....	Central Committee, Communist Party, Soviet Union.
Gintsvetmet.....	State Institute of Non-Ferrous Metals.
Giprosvetmet.....	State Institute for the Design and Planning of Non-Ferrous Metals Industry Establishments.
Giremet.....	State Rare Metals Scientific Research Institute.
Glavk.....	Main Administration.
Gosplan.....	State Planning Committee of the Council of Ministers of the USSR.
GOST.....	All-Union Standard.
IL.....	Foreign Literature Publishing House.
Mekhanobr.....	Scientific Research Institute for the Mechanical Concentration of Minerals.
NaT-O.....	Scientific and Technical Division
PrT-O.....	Production and Technical Section.
Sovnarkhoz.....	Council of the National Economy.
TsIN TsM.....	Central Office for Information on Non-Ferrous Metals.
Ukr SSR.....	Ukraine SSR.
VAMI.....	All-Union Aluminum and Magnesium Institute.
VUZ.....	Institution of Higher Education.

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VESTNIK OF THE USSR ACADEMY OF MEDICAL SCIENCES

No 8, August 1969

This publication comprises a translation of the Russian-language periodical Vestnik Akademii Meditsinskikh Nauk SSSR (English version above), Moscow, Vol 24, No 4, August 1969, pages 1-96. Author's name and original source page accompany each article.

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Vol. 39, No. 7, 1969

[Following is a complete translation of the Russian-language journal Vestnik Akademii Nauk SSSR (English version above), Moscow, Vol. 39, No. 7, July 1969. Original source page numbers accompany each article.]

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of the USSR

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Note: The Russian issue of this journal contains a 20-year author and subject index covering the years 1946-1965. This has not been translated since the last issue of each volume year of the translation contains an author index and a compilation of the tables of contents for the issues printed in that volume year.

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of the USSR

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Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

Available From Consultants Bureau

JOURNAL OF ANALYTICAL CHEMISTRY

of the USSR

A translation of *Zhurnal Analiticheskoi Khimii*

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of the USSR

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The Russian press date (podpisano k pechatu) of this issue was 3/20/1969
 Publication therefore did not occur prior to this date, but must be assumed
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Soviet Physics TECHNICAL PHYSICS

A Translation of "Zhurnal Tekhnicheskoi Fiziki"

(Russian Original, Vol. 39, No. 3, pp. 417-592, March, 1969)

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Soviet Physics TECHNICAL PHYSICS

A Translation of "Zhurnal Tekhnicheskoi Fiziki"

(Russian Original, Vol. 39, No. 4, pp. 593-612, April, 1972)

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Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in black ink that reads "Sergio N. Alcivar for".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0831939	78-03109A	59	1	2	123	Consolidated Translation Survey Through 31 March 1968	3/31/1968	252	Approved For Release	3/25/2004
AD0833917	78-03109A	59	1	3	124	Consolidated Translation Survey Through 30 April 1968	4/30/1968	223	Approved For Release	3/25/2004
AD0835906	78-03109A	59	1	4	125	Consolidated Translation Survey Through 31 May 1968	5/31/1968	267	Approved For Release	3/25/2004
AD0838252	78-03109A	59	1	5	126	Consolidated Translation Survey Through 30 June 1968	6/30/1968	341	Approved For Release	3/25/2004
AD0839299	78-03109A	59	1	6	127	Consolidated Translation Survey Through 31 July 1968	7/31/1968	354	Approved For Release	3/25/2004
AD0841414	78-03109A	59	1	7	128	Consolidated Translation Survey Through 31 August 1968	8/31/1968	255	Approved For Release	3/25/2004
AD0844244	78-03109A	59	1	8	129	Consolidated Translation Survey Through 30 September 1968	9/30/1968	259	Approved For Release	3/25/2004
AD0845247	78-03109A	60	1	1	130	Consolidated Translation Survey Through 31 October 1968	10/31/1968	252	Approved For Release	3/25/2004
AD0847806	78-03109A	60	1	2	131	Consolidated Translation Survey Through 30 November 1968	11/30/1968	284	Approved For Release	3/25/2004
AD0848152	78-03109A	60	1	3	132	Consolidated Translation Survey Through 31 December 1968	12/31/1968	176	Approved For Release	3/25/2004
AD0848841	78-03109A	60	1	4	133	Consolidated Translation Survey Through 31 January 1969	1/31/1969	188	Approved For Release	3/25/2004
AD0850186	78-03109A	60	1	5	134	Consolidated Translation Survey Through 28 February 1969	2/28/1969	167	Approved For Release	3/25/2004
AD0851748	78-03109A	60	1	6	135	Consolidated Translation Survey Through 31 March 1969	3/1/1969	232	Approved For Release	4/5/2004
AD0853348	78-03109A	60	1	7	136	Consolidated Translation Survey Through 30 April 1969	4/30/1969	262	Approved For Release	3/25/2004
AD0856606	78-03109A	60	1	8	137	Consolidated Translation Survey Through 31 May 1969	5/31/1969	306	Approved For Release	3/25/2004
AD0857706	78-03109A	63	1	1	138	Consolidated Translation Survey Through 30 June 1969	8/22/1969	413	Approved For Release	3/25/2004
AD0858054	78-03109A	63	1	2	139	Consolidated Translation Survey Through 31 July 1969	9/3/1969	185	Approved For Release	3/25/2004
AD0860022	78-03109A	63	1	3	140	Consolidated Translation Survey Through 31 August 1969	10/3/1969	315	Approved For Release	3/25/2004
AD0860905	78-03109A	63	1	4	141	Consolidated Translation Survey Through 30 September 1969	9/30/1969	285	Approved For Release	3/25/2004
AD0861886	78-03109A	63	1	5	142	Consolidated Translation Survey Through 31 October 1969	10/31/1969	269	Approved For Release	3/25/2004
AD0863371	78-03109A	63	1	6	143	Consolidated Translation Survey Through 30 November 1969	11/30/1969	224	Approved For Release	3/25/2004
AD0864516	78-03109A	63	1	7	144	Consolidated Translation Survey Through 31 December 1969	12/31/1969	177	Approved For Release	3/25/2004