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CONSOLIDATED
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CONSOLIDATED TRANSLATION SURVEY

FOR JUNE 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 identification 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 in 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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(see CFSTI)

ACSI - (see DIA)

AEC - Atomic Energy Commission
(see CFSTI)

AFCRL Res Lib

Air Force Cambridge Research Laboratories
Research Library
Office of Aerospace Research
United States Air Force
Laurence G. Hanscom Field
Bedford, Massachusetts
ATTN: CRMCLR

AGI

American Geological Institute
1444 N Street N. W.
Washington, D. C. 20005

AGU

Americal Geophysical Union
Suite 506
1145 19th Street, N. W.
Washington, D. C. 20036

AIP

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

APL/JHU

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

Army Topographic

U. S. Army Topographic Command
Department of the Army
Corps of Engineers
Washington, D. C. 20315

BCF - Bureau of Commercial Fisheries
(see Department of Interior)

BISI

British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4 Grosvenor Gardens
London, S. W. 1, England

CEGB

Central Library
Central Electricity Generating Board
Room 601, Sudbury House
15 Newgate Street
London, E. C. 1, England

CFSTI

Clearinghouse for Federal Scientific and
Technical Information
Port Royal and Braddock Roads
Springfield, Virginia 22151

CB - Consultants Bureau
(see Plenum Press)

CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

Department of Interior

Dept of Interior, Room 8015
Branch of Foreign Fisheries (Translations)
Division of International Affairs
Bureau of Commercial Fisheries
Washington, D. C. 20240

Derwent Publications Ltd.

Derwent Publications Limited
Rochdale House, Theobalds Road
London, W. C. 1, England

DIA

Defense Intelligence Agency
Washington, D. C. 20301

FP

Faraday Press, Inc.
84 Fifth Avenue
New York, N. Y. 10011

FSTC - Foreign Science & Technology Center

Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314

FTD - Foreign Technology Division

Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314

GSFC

Goddard Space Flight Center
(see Sci & Info Facility)

HB

Henry Bratcher Technical Translations
P. O. Box 157
Altadena, California 91001

HEW - Health, Education & Welfare
(see NIH)

IEEE

Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

JPRS

U. S. Department of Commerce
Clearinghouse for Federal Scientific
and Technical Information
Port Royal and Braddock Roads
Springfield, Virginia 22151

NASA

National Aeronautics and Space Administration
1512 H Street N. W.
Washington, D. C. 20546

NIC

Commander, Naval Intelligence Command
Naval Intelligence Command Headquarters
NIC-133E
Washington, D. C. 20350

NIH

Circulation Unit
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Library Branch, DRS
National Institutes of Health
Building 10, Room 5N118
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National Lending Library
For Science & Technology
Boston Spa, Yorkshire, England

NMS

Navy Medical School
National Naval Medical Center
Bethesda, Maryland 20014

NOO

U. S. Naval Oceanographic Office
Code 4400
Washington, D. C. 20390

NRL

Naval Research Laboratory
Washington, D. C. 20390

OAGB

Overseas Activities Section
Electricity Council
30 Millbank, S. W. 1, London England

OSA

Optical Society of America, Inc.
American Institute of Physics
335 East 45th Street
New York, New York 10017

Patent Office

Department of Commerce, Patent Office
Scientific Library
14th and Constitution Avenue, N. W.
Washington, D. C.

PG

Petroleum Geology
Box 171
McLean, Virginia 22101

Plenum Press

Plenum Publishing Corporation
114 Fifth Avenue
New York, New York 10011

PP

Pergamon Press, Inc.
44-01 21st Street
Long Island City, New York 11101

PS

Primary Sources
11 Bleecker Street
New York, New York 10012

RSIC

Defense Documentation Center,
Redstone Scientific Information Center
(see CFSTI)

Sci & Tech Info Facility

NASA Scientific and Technical Information Facility
P. O. Box 33
College Park, Maryland 20740

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Soil Science Society of America, Inc.
Program Director, Soviet Soil Science
677 South Segoe Road
Madison, Wisconsin, 53711

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*Dept of Interior
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Party Political Work in the Soviet Army and Navy. 90 pp.
RUSSIAN, bk, Partinaya Politicheskaya Rabota v Armiy i vo Voenno - Morskoy Flote Sovetskogo Soyuza, 1967, pp 1-128.
DIA LN 329-69

USSR
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p 2; 11 Mar 1969, p 2; 13 Mar 1969, p 2.
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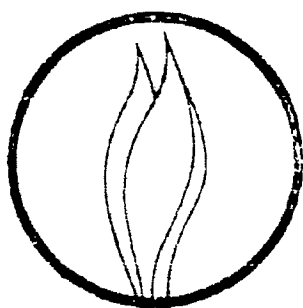
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AUTOMATION and REMOTE CONTROL

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CORRECTIONS

The following correction is translated from p. 510 of Tom 184:

A. Igl'ikov, *Axisymmetric flows with free boundary*, Vol. 9 (1968), no. 2, 442-445 (Russian Tom 179, 772-774).

On page 443, line 14, the definition of the norm should read:

$$\| \omega \|_{\alpha} = \| \omega \|_{\alpha} + \sup_{\tau_1 \neq \tau_2} \frac{|\omega(\tau_1) - \omega(\tau_2)|}{|\tau_1 - \tau_2|^{\alpha}}.$$

The author has called attention to the following misprints:

Z. I. Kozlova, *The structure of the fundamental classes of sets in topological spaces of weight τ* , Vol. 9 (1968), no. 5, 1273-1275 (Russian Tom 182, 1268-1270).

On page 1275, line 7, $(\omega)A_-, (\omega)CA_-, (\omega)C_-$ should be $(\omega_{\nu})A_-, (\omega_{\nu})CA_-, (\omega_{\nu})C_-$
line 9, $(\omega)A_-, (\omega)CA_-,$ should be $(\omega_{\nu})A_-, (\omega_{\nu})CA_-$.

The following correction should be made in the English translation:

M. M. Kipnis, *A property of propositional formulas*, Vol. 8 (1967), no. 3, 620-621.

On page 621, line 3, the lemma should begin as follows:

Lemma. For any p. r. f.-1 ϕ and any propositional formulas P_1 and P_2 there cannot fail to exist a number s such that:

DOKLADY PHYSICAL CHEMISTRY

A translation of the Physical Chemistry Section of *Doklady Akademii Nauk SSSR*

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The Russian press dates (podpisano k pečati) of the first and last issues covered in this issue of the translation were, respectively, 10/15/68 and 11/6/68. 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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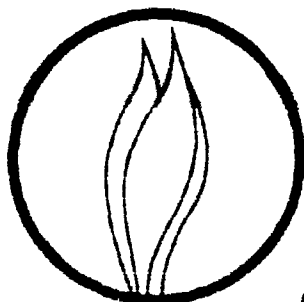
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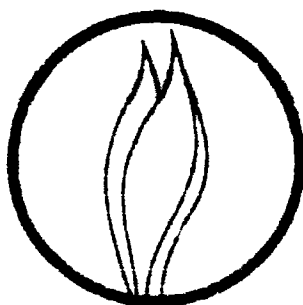
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- USSR -

This publication comprises the translation (with the exception of six articles) of the Russian-language periodical Meteorologiya i Gidrologiya (English version above), No 9, Moscow, Hydrometeorological Press, September 1968, pages 3-126. Author's name and original source page accompany each article.

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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 equivalent is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
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 (cta)
cth	coth (ctah)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

SOVIET PUBLIC HEALTH

No. 8, 1968

- USSR -

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RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR.....	Academy of Sciences, USSR.
CPSU.....	Communist Party, Soviet Union.
Gintsvetmet.....	State Institute of Non-Ferrous Metals.
Gipronikel'.....	State Institute for the Design and Planning of Nickel Establishments.
Giredret.....	State Rare Metals Scientific Research Institute
Gosplan.....	State Planning Committee of the Council of Ministers of the USSR.
GOST.....	All-Union Standard.
Glavtsvetmetobrabotka...	Main Administration for the Processing of Non-Ferrous Metals.
IL.....	Foreign Literature Publishing House.
Mekhanobr.....	Scientific Research Institute for the Mechanical Concentration of Minerals.
NTO.....	Scientific and Technical Division.
TsIIN TsM.....	Central Office for Information on Non-Ferrous Metals.
VAMI.....	All-Union Aluminum and Magnesium Institute.
VNIITsvetmet.....	All-Union Scientific Research Institute for Non-Ferrous Metals.
VNIDMETMASH.....	All-Union Scientific Research Institute for Metalworking and Machinery.
VODGEO.....	All-Union Scientific Research Institute for Water Supply, Sewer Systems, Hydraulotechnical Structures, and Hydrogeological Engineering.
VUZ.....	Institute of Higher Education.

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No 12, December 1967

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No 8, August 1968

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HERALD OF COMMUNICATIONS

No 8, 1968

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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 cursive script that reads "Nancy J. Alcala 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)



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
AD08333917	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