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# CONSOLIDATED TRANSLATION SURVEY

Number 99

For March 1966

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CONSOLIDATED TRANSLATION SURVEY

FOR MARCH 1966

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## CONSOLIDATED TRANSLATION SURVEY

### PREFACE

This survey is prepared monthly by the Foreign Documents Division, Office of Central Reference, CIA, from lists received through the cooperation of US government agencies and includes translations prepared by such agencies, private industry, universities, research institutions, and commercial translation organizations. It is a compilation of foreign documentary 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 on such projects. New projects in process are not listed again until they are completed.

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ACSI - (see DIA)

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

AGU

American Geophysical Union  
1515 Massachusetts Avenue, NW  
Washington, D.C. 20005

AI

Advance Information  
Frederick A. Praeger, Publishers  
111 Fourth Avenue  
New York, N.Y. 10003

AIP

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

**Amer Math Soc**

**American Mathematical Society  
190 Hope Street  
Providence 6, Rhode Island**

**ANL - Argonne National Laboratory, Illinois  
(See AEC)**

**APL - Applied Physics Laboratory (see Navy)**

**ATD - Aerospace Technology Division  
(see Library of Congress)**

**BISI**

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

**Bu. Gen**

**Department of Commerce, Bureau of Census  
Foreign Manpower Research Office  
General Federal Office Building 3  
Suitland, Maryland**

**CB**

**Consultants Bureau Enterprises, Incorporated  
227 West 17th Street  
New York, New York 10011**

**CFSTI**

**Clearing house for Federal Scientific and  
Technical Information (Formerly Office of  
Technical Services)  
Port Royal and Braddock Roads  
Springfield, Virginia 22151**

**DIA**

**Defense Intelligence Agency  
Washington D.C. 20301**

**Dept of Interior**

**Department of Interior  
Department Library  
Foreign Documentation Section  
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FP

The Faraday Press, Inc.  
84 Fifth Avenue  
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FTD - Foreign Technology Division (see AF)

GSA

Geological Society of America  
Publishing Department  
419 West 117th Street  
New York 27, New York

HB

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

HEW - See NIH

IEEE

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

JHU/APL - The Johns Hopkins University/Applied Physics  
Laboratory (see Navy)

JILA

Joint Inst for Laboratory  
Astrophysics, NBS

JPRS

U. S. Department of Commerce  
Clearinghouse for Federal Scientific  
and Technical Information  
Joint Publications Research Service  
Building Tempo E,  
East Adams Drive, 4th & 6th Streets, SW  
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Maritime Admin

Maritime Administration  
Office Services  
GAO, 5th and G Streets, NW  
Washington, D.C.

MT

M. de O. Tollemache  
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Devon, England

NASA

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Navy

Department of Navy  
Office of Naval Intelligence  
Washington 25, D.C.

NIH

Circulation Unit  
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NMS - Navy Medical School (see Navy)

NRL - Naval Research Laboratories (see Navy)

NSTIC

Naval Sci and Tech Intell Ctr

Department of the Navy  
CNO/ONI  
922 STIC  
Pentagon

ONI - Office of Naval Intelligence (see Navy)

ORNL - Oak Ridge National Laboratory (see AEC)

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Scientific Library  
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New York, New York 10012**

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101 West 31st Street  
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**SLAC - Stanford Linear Accelerator Center - (see AEC)**

**Soil Sci Soc of Amer, Inc**

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

**UCRL**

**University of California  
Lawrence Radiation Laboratory  
Livermore, California  
(see AEC)**

**USRL**

**Office of Naval Research  
U.S. Navy Underwater Sound Reference Laboratory  
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Today and Tomorrow in Soviet Power Engineering, by P. Neporozhniy, 13 pp.  
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pp. 1-3.  
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Electric Steel Smelting Production at the "Dneproprospetsstal'" Plant, by P. V. Demidov and V. F. Smolyakov, 7 pp.  
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Regulation of Cooperation between Specialized Agricultural Institutions, by Pal Losonczi, 7 pp.  
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Changes in the Structure of Capitalist Ownership, by S. Dalin, 24 pp.  
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JPRS 34343

Moscow Economic Journal Reports on Working Class of Liberated Countries, by L. Gordon and L. Fridman, 16 pp.  
RUSSIAN, per, Mirovaya ekonomika i mezdunarodnyye otnosheniya, No 12, Dec 1965, pp. 75-87.  
JPRS 34016

Proposal of Division of Marxist Political Economy in Development of Young Governments Debated in Moscow Economic Journal, by L. Dvorzhak, 7 pp.  
RUSSIAN, per, Mirovaya ekonomika i mezdunarodnyye otnosheniya, No 12, Dec 1965, pp. 98-102.  
JPRS 33932

Soviet International Economics Journal Concludes Discussion of Neocolonialism, by V. Rybakov, V. Tyagunenko and Ya. Khavinson, 20 pp.  
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The Basic Directions of Development of the Dairy Industry of the USSR for 1966-1970, 10 pp.  
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## 数学学报

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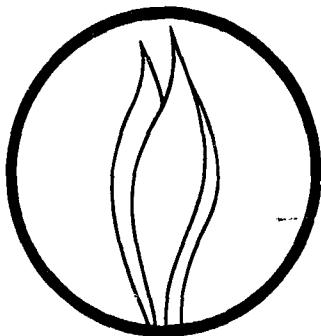
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#### ERRATA

The following corrections are translated from pages 246, 958 and 1214 of Tom 164:

##### Letter to the Editors

In my article *On densely imbedded ideals of semigroups*, Vol. 1 (1960), 348-351 (Russian pages Tom 131, 765-768), in the proof of the theorem on p. 348 (Russian p. 766) there is a mistake: in the proof of Lemma 3 the equations  $K_{\alpha\beta}a_\gamma = a_{r(\alpha,\gamma)}$  and  $a_\beta K_{\gamma\delta} = a_{r(\beta,\delta)}$  are valid only under the condition that certain complexes  $K_{\xi\gamma}$  and  $K_{\beta\eta}$  are not empty, which generally speaking it is impossible to guarantee.

This deficiency can easily be removed, and moreover, essentially within the framework of the same construction. Namely, retaining the notation of the article we construct a semigroup  $S = \{T, b\}$ , in which, along with all the defining relations satisfied in  $T$ , we require that the following defining relations be satisfied:  $b^2 = a$ ;  $b0 = 0$ ; for any  $t_1, t_2 \in T$ ,  $bt_1b = t_1bt_2 = 0$ , and finally  $bt_1 = bt_2$  ( $t_1b = t_2b$ ) if and only if  $at_1 = at_2$  ( $t_1a = t_2a$ ). It is easy to see in addition that no "gluing together" takes place in  $T$  and besides,  $T$  is strictly contained in  $S$ , since in every case  $b \in S \setminus T$ . From the fact that  $N$  is an ideal in  $T$  and  $bN = Nb = 0$ , it follows that  $N$  is an ideal in  $S$ . Further, we prove that every true homomorphism  $\phi$  of the semigroup  $S$  induces a true homomorphism of  $N$ . Let  $\phi x = \phi y$ ,  $x \neq y$ ,  $x, y \in S$ . Clearly, we need to examine only the case when one of the elements  $x, y$  does not belong to  $T$ ; without loss of generality, we assume that  $x \notin T$ . The proof that  $\phi$  induces a true homomorphism of  $T$  (and consequently, also of  $N$ ) emerges almost as a word for word repetition of the last part of the proof of the theorem of the note. We take as an example one of the possible cases  $x = bt$ ,  $t \in T$  (in the other cases  $x = b$  and  $x = tb$  the calculations also proceed in the same way as the corresponding calculations of the note). First of all, we note that by virtue of the defining relations,  $at \neq 0$ : from  $at = 0 = a0$  it follows that  $bt = b0 = 0 \in T$ . The following equalities are valid:

$$\phi at = \phi by. \quad (1)$$

$$\phi ay = \phi 0. \quad (2)$$

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# **DOKLADY SOIL SCIENCE**

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## **SOVIET SOIL SCIENCE**

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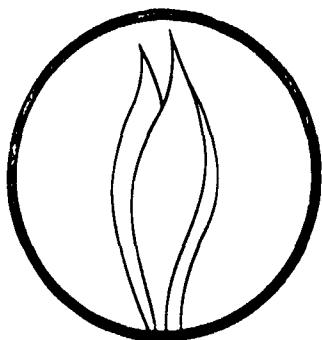
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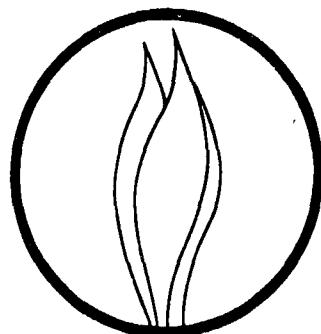
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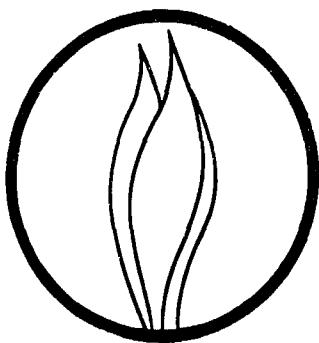
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RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR.....	Academy of Sciences, USSR.
CPSU.....	Communist Party, Soviet Union.
DAN.....	Proceedings of the Academy of Sciences.
Gintsvetmet.....	State Institute of Non-Ferrous Metals.
GIPKh.....	State Institute of Applied Chemistry.
Giprotsvetmet.....	State Institute for the Design and Planning of Non-Ferrous Metals Industry Establishments.
Giredmet.....	State Rare Metals Scientific Research Institute.
Gosenergoinddat.....	State Power Engineering Publishing House.
GospPlan.....	State Planning Committee of the Council of Ministers, USSR.
GOST.....	All-Union Standard.
Gostoptekhizdat.....	State Scientific and Technical Publishing House of the Petroleum and Mineral-Fuel Industry.
IL.....	Foreign Literature Publishing House.
Ind.....	Publishing House.
L-M.....	Leningrad-Moscow.
LGU.....	Leningrad State University.
Mashgiz.....	State Scientific and Technical Publishing House of Literature on Machinery.
Mekhanobr.....	Scientific Research Institute for the Mechanical Concentration of Minerals.
Metallurgizdat.....	State Scientific and Technical Publishing House of Literature on Ferrous and Non-Ferrous Metallurgy.
MTO.....	Scientific and Technical Society.
Sovnarkhoz.....	Council of the National Economy.
TsIIN Tch.....	Central Office for Information on Non-Ferrous Metals.
UkrSSR.....	Ukrainian SSR.
VNI.....	All-Union Aluminum and Magnesium Institute.
VUZ.....	Institute of Higher Education.

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AN SSSR.....	Academy of Sciences, USSR.
CPSU.....	Communist Party, Soviet Union.
Gintsvetmet.....	State Institute of Non-Ferrous Metals.
Gosp'ian.....	State Planning Committee of the Council of Ministers, USSR.
GOST.....	All-Union Standard.
Mashgiz.....	State Scientific and Technical Publishing House of Literature on Machinery
Mekhanobr.....	Scientific Research Institute for the Mechanical Concentration of Minerals.
Metallurgizdat.....	State Scientific and Technical Publishing House of Literature on Ferrous and Non-Ferrous Metallurgy.
NTO.....	Scientific and Technical Society
SNKh.....	Council of the National Economy.
TsNIIN TeM.....	Central Office for Information on Non-Ferrous Metals.
TsNIGRI.....	Control Scientific Research Institute of Geological Survey.
VAMI.....	All-Union Aluminum and Magnesium Institute.
VUZ.....	Institute of Higher Education.

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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,

*Nancy Jatkes* 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	File#	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date	
AD0463342	78-03109A	55	1	2	88	4/1/1965	190	Approved For Release	3/25/2004	
AD0465168	78-03109A	55	1	3	89	5/1/1965	245	Approved For Release	3/25/2004	
AD0467068	78-03109A	55	1	4	90	6/1/1965	221	Approved For Release	3/25/2004	
AD0468849	78-03109A	55	1	5	91	7/1/1965	218	Approved For Release	3/25/2004	
AD0471155	78-03109A	55	1	6	92	8/1/1965	236	Approved For Release	3/25/2004	
AD0473500	78-03109A	55	1	7	93	9/1/1965	221	Approved For Release	3/25/2004	
AD0474384	78-03109A	55	1	8	94	10/1/1965	181	Approved For Release	3/25/2004	
AD0475860	78-03109A	55	1	9	95	11/1/1965	305	Approved For Release	3/25/2004	
AD0477388	78-03109A	56	1	1	96	12/1/1965	181	Approved For Release	3/25/2004	
AD0478471	78-03109A	56	1	2	97	1/1/1966	198	Approved For Release	3/25/2004	
AD0479675	78-03109A	56	1	3	98	2/1/1966	354	Approved For Release	3/25/2004	
AD0481681	78-03109A	56	1	4	99	3/1/1966	237	Approved For Release	3/25/2004	
AD0334379	78-03117A	191	1	37	4255	1/29/1963	53	Approved For Release	3/29/2004	
					Status And Activities Of Prominent Scientists In Communist China In 1962					
AD0333974	78-03117A	190	1	35	4212	1/17/1963	27	Approved For Release	3/29/2004	
AD0335202	78-03117A	195	1	13	4394	3/13/1963	27	Approved For Release	3/25/2004	
AD0332657	78-03117A	183	1	13	3924	10/12/1962	76	Approved For Release	3/29/2004	
AD0333147	78-03117A	185	1	30	4020	11/16/1962	90	Approved For Release	3/29/2004	
AD0333427	78-03117A	188	1	13	4112	12/13/1962	84	Approved For Release	3/29/2004	
AD0334160	78-03117A	190	1	10	4187	1/10/1963	69	Approved For Release	3/29/2004	
AD0334612	78-03117A	193	1	10	4310	2/20/1963	112	Approved For Release	3/29/2004	
AD0335309	78-03117A	195	1	32	4413	3/20/1963	110	Approved For Release	3/29/2004	
AD0336242	78-03117A	198	1	16	4509	4/12/1963	81	Approved For Release	3/29/2004	
AD0332575	78-03117A	184	1	6	3957	Scientific Information Report Chemistry And Metallurgy (22)	47	Approved For Release	3/29/2004	
AD033164	78-03117A	187	1	2	4061	Scientific Information Report Chemistry And Metallurgy (23)	11/28/1962	65	Approved For Release	3/25/2004
AD0333857	78-03117A	189	1	22	4160	Scientific Information Report Chemistry And Metallurgy (24)	1/2/1963	57	Approved For Release	3/29/2004
AD0334310	78-03117A	191	1	20	4238	Scientific Information Report Chemistry And Metallurgy (25)	1/28/1963	52	Approved For Release	3/29/2004