

Voronin, L. G. and Guse'nikov, V. L.  
PHYLOGENESIS OF INTERNAL MECHANISMS OF  
ANALYSIS AND INTEGRATION IN THE BRAIN.  
Jan/Feb 64, 8p 38refs  
Order from FASBB \$2.00 in Federation Proceedings  
Translation Supplement, 1964, v. 23, no. 1  
(p. T105-T112)

Trans. of Zhurnal Vysshei Nervnoi Deyatel'nosti  
(USSR) 1963, v. 13, no. 2, p. 193ff.

DESCRIPTORS: \*Evolution, \*Brain, Nerve cells,  
Neuromuscular transmission, Conditioned reflex,  
Reasoning.

(Biological Sciences--Neurology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T105-T112)

- I. Voronin, L. G.
- II. Guse'nikov, V. L.
- III. Federation of American  
Societies for Experimental Biology,  
Washington, D. C.

Office of Technical Services

Vinogradova, O. S. and Lindsley, D. F.  
EXTINCTION OF REACTIONS TO SENSORY STIMULI  
IN SINGLE NEURONS OF VISUAL CORTEX IN UN-  
ANESTHETIZED RABBITS. Mar/Apr 64. 6p 27refs  
Order from FASEB \$2.00 in Federation Proceedings  
Translation Supplement, 1964, v. 23, no. 2 (p. T241-  
T246)

Trans. of Zhurnal Vysshei Nervnoi Deyatel'nosti  
(USSR) 1963, v. 13, no. 2, p. 207ff.

DESCRIPTORS: \*Sensory mechanisms, Stimulation,  
Reaction (Psychology), Vision, Cerebral cortex,  
Rabbits, \*Nerve cells

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T241-T246)

- I. Vinogradova, O. S.
- II. Lindsley, D. F.
- III. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.

Office of Technical Services

Current Views of the Reticular Formation and the  
Centrencephalic System, by D. Mateyev, 14 pp.  
RUSSIAN, per, Zhur Vysshev Nervnoy Deyatel'nosti, Vol XIII,  
No 2, 1963, pp 243-254.

JPRS 23286

Sci-Med  
Feb 64

250,279

Kononenko, V. S.

**CHOLINESTERASE ACTIVITY OF CORTICAL  
POINTS IN THE CEREBRAL HEMISPHERES DURING  
UNILATERAL CONDITIONED REFLEXES.**

Presented at the Congress of the Ukrainian Physio-  
logical Society (no. 6). [1963] [12p] Srefa FASEB  
manuscript no. S-418-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13397

Trans. of #Zhurnal Vysshei Nervnoi Deyatel'nosti  
(USSR) 1963, v. 13, no. 2, p. 280-285.

DESCRIPTORS: \*Cholinesterase, \*Cerebral cortex,  
Brain, Tissue extracts, Enzymes, \*Conditioned  
reflex, Reflexes.

(Biological Sciences--Physiology, TT, v. 11, no. 9)

TT-64-13397

- I. Kononenko, V. S.
- II. Title: Congress...
- III. FASEB-S-418-3
- IV. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

The Nature of the Effect of Noradrenalin on Conditioned-  
Reflex Activity When Injected Directly Into the Brain, by  
L. V. Kalyuzhnyy, 9 pp.  
RUSSIAN, per, Zhur Vysshev Nervnoy Deyatel'nosti,  
Vol XIII, No 2, 1963, pp 305-315.

JPRS 23286

Sci-Med  
Feb 64

250,280

CHANGES IN THE SPONTANEOUS BIOELECTRIC ACTIVITY  
OF THE BRAIN DURING SERUM SENSITIZATION, BY KH  
MARKOV, 12 PP.

RUSSIAN, PER, ZHUR VYSSHEY NERVNOY DEYATEL IMENII  
I. P. PAYLOVA, VOL XIII, NO 2, 1963, PP 316-325

JPRS 20150

SCI - MED

JUL 63

235,537

Altman, Ya. A. and Iontov, A. S.  
CONNECTIONS BETWEEN ZONES A I AND A IV OF  
THE AUDITORY CORTEX. Jan./Feb 64, Sp 16radu  
Order from FASIB \$2.00 in Federation Proceedings  
Translation Supplement, 1964. v. 23, no. 1  
(p. T96-T100)

Trans. of Zhurnal Vysshei Nervnoi Deyatelnosti  
(USSR) 1963, v. 13, no. 2, p. 330E.

DESCRIPTORS: Neuromuscular transmission, \*Cerebral  
cortex, Hearing, \*Auditory nerve, \*Nerve cells.

(Biological Sciences--Physiology, TI, v. 11, no. 10)

TT-64-12541-1 (p. T96-T100)

I. Altman, Ya. A.  
E. Iontov, A. S.  
Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.

Office of Technical Services

Conditioned Reflexes to Photic Stimuli in Baboons  
after Removal of Occipital Lobes at Various  
Ages, by L. V. Koroleva, 5 p.

RUSSIAN, per, Zhurnal Vysshei Nervnoi Deyatel'-  
nosti, Vol XIII, No 3, 1963, 482 pp.

FASEB Fed Proc Tr Suppl, 1964, Vol 23, No 5,  
pt 2, (p. T1117-T1121)

Sci-B&M  
Jul 66

307,255



Manifestations of Internal Inhibition in Auto-  
nomic Reactions in Decorticate Cats, by V. A.  
Sosenkov, 5 p.

RUSSIAN, per, Zhurnal Vysshei Nervnoi Deyatel'-  
nosti USSR, Vol XIII, No 3, 1963, pp 543 ff.

FASEB Fed Proc Tr Suppl , 1964, Vol 23, No 5, pt 2,  
(p. T1080-T1084)

Sci-B&M  
Jul 66

307,259

Stress and Fatigue Under Conditions of Isolation  
From External Stimuli, by F. D. Gorbov,  
V. I. Myasnikov, 10 pp.  
RUSSIAN, per, Zhur Vyssh Nervn Deyatel,  
Vol XIII, No 4, 1963, pp 585-592.  
JPRS 249761

FTD-T-63-1015 (9691966)

Sci - Med  
Jun 64

260,754

Special Features in the Intereffect of the Signal  
Systems under the Influence of Chinese Magnoliaceae,  
by V. V. Lastovetskiy, 10 pp.  
RUSSIAN, per, Zh Vyssh Nerv Deiat Pavlov, Vol 15,  
1963, pp 604-609.  
NMS/1403

395,996

Sci/B&M

Changes in the Stereotype of Conditioned Respiratory  
Reflexes and Respiratory Responses to Co<sub>2</sub> Under the  
Influence of Chlorpromazine, by Yu. N. Ivanov,  
Ye. I. Semeyko, 13 pp.  
RUSSIAN, per, Zhur Vysschey Nervnoi Deyatelnosti,  
Vol XIII, No 4, 1963, pp 680-685. 9692027  
FTD-TT-64-69

Sci - Biol & Med Sci  
Apr 64

253,425

Third Volga Conference of Physiologists Biochemists  
and Pharmacologists, by G. N. Smetankin, 5 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel, Vol XIII,  
No 6, Nov-Dec 1963, pp 1, 108, 110.  
JPRS #23841

Sci - Biol & Med  
Mar 64

253, 111

Change in Higher Nervous Activity and Some Vegetative Reactions During Prolonged Exposure to Conditions of Relative Adyanasia and Isolation, by N. A. Agadzhanian, Yu. P. Bizin, et al, 15 pp. RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel, Vol XIII, No 6, 1963, pp 953-961.  
JPRS 23833

Sci - Med  
Mar 64

253, 055

Conditioned Inhibition in Dogs With a Unilaterally  
Removed Thalamus, by L. N. Gavrilova, 10 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel. Vol XIII,  
No 6, 1963, pp 1039-1045.  
JPRS 23833

Sci - Med  
Mar 64

253, 056

Cortical Electrical Activity After Total  
Extirpation of the Cerebellum in Cats, by  
R.A.Grigor'yan.  
RUSSIAN, per Zhur Vyyshei Nerv Dey, 1963,  
Vol.13, No.6, pp.1059-1071.  
/OPS-IT-64-19710

B/M  
Aug 66

308,681



The Effect of 5-Hydroxytryptophane (Serotonin Precursor) on Food Conditioned Reflexes in Rabbits, by M. L. Voronina, N.A. Tushmalova. 9 pp.

RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'-nosti, Vol 13, No 6, 1963, pp 1071-1076.

AIR/PTD/IR-23-1543-67

sci/b and m  
feb 69

376,489

Changes in Motor Conditioned Food Reflexes in Pigeons  
Following a Lesion of the Paleocortex, by  
N. L. Krushinskaya, 14 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel, Vol XIII,  
No 6, 1963, pp 1077-1086.  
JPRS 23833

Sci - Med

Mar 64

253, 057

Third Volga Conference of Physiologists, Biochemists  
and Pharmacologists, by G. N. Sinetankin, 7 pp.  
RUSSIAN, per, Zhur Vyssh Nerv Dey, ~~okatel~~ nosti,  
Vol XIII, No 6, 1963, pp 1108-1110. 9695823  
FTD-TT-64-~~22~~385

Sci - Biol & Med Sci  
Feb 645

274,111

On the Role of Parietal Area of the Cerebral  
Cortex in Conditioned Motor Food Reflexes of  
Apes (Papio Hamadryas Adult Male Baboons),  
by N. I. Lagutina  
RUSSIAN, per, Zh. Vyssh Nerv Deyat Pavlov,  
Vol 14, No 5, 1964, pp 789-797.  
HEW NIH  
11-8-68

Sci-B&M  
Feb 69

369,545

Problem of Producing Conditioned  
Reflexes in Patients with Korsakov's  
Syndrome (Psychosis),  
by V. P. Linskii.  
RUSSIAN, per, Za Vyssh Nerv Delat  
Pavlov, Vol 4, No 6, 1964, pp 791-798.  
NIT 6-7-65

sci/111  
Jul 65

285,616

Cross-Correlations of Bioelectric Activity of Various  
Areas of the Cerebral Cortex of Man in the State of  
Relative Rest, by N. A. Gavrilova, A. S. Aslanov, et al,  
9 pp.

RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 3-8.  
JPRS 24249

Sci-Med  
Apr 64

254,676

The Use of Correlation Analysis in the Investigation of  
Electric Activity of the Cortex of Cerebral Hemispheres,  
by N. N. Danilova, ~~1964~~ 20 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 9-22.  
JPRS 24249

Sci-Med  
Apr 64

254,677

Electroencephalographic Study of Human Brain Activity  
in Trace and Delayed Conditioned Reflexes, by  
Yu. G. Kratin, 13 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 23-31.  
JPRS 24249

Sci-Med  
Apr 64

254,678



Changes in the Bioelectric Cortical Activity of the Human  
Brain During the Elaboration of a Motor Conditioned  
Reaction to Time, by I. S. Dobronravova, 10 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 33-38.  
JPRS 24249

Sci-Med  
Apr 64

254,679

Effect of the Prolonged Action of High Temperature on  
Simultaneous Complex Conditioned Reflexes in Dogs, by  
L. M. Sidorova, 8 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 55-60.  
JPRS 24249

Sci-Med  
Apr 64

254,680

Effect of Radioactive Sodium-24 on the Higher Nervous  
Activity of Dogs Following a Single Internal Administration,  
by B. I. Shal'nev, 10 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 61-67.  
JPRS 24249

Sci-Med  
Apr 64

254,681

Possibilities of Using Certain Indicators in the  
Characterization of the Strength of the Excitation  
Process and Mobility of Nervous Processes in Deter-  
mining the Type of Nervous System, by E. P. Kokorina,  
10 pp.

RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 95-101.  
JPRS 24249

Sci-Med  
Apr 64

254,682

Characteristics of Neuronic Structure and of the  
Topography of Reticular Formation in Carnivora, by  
G. P. Zhukova, T. A. Leontovich, 36 pp.  
RUSSIAN, per, Zhur x Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 122-1246.  
JPRS 24249

Sci-Med  
Apr 64

254,683

Feedback and Reflex Activity of the Organism;  
Reply to Certain Critics of the Reflex Theory, by  
I. A. Bulygin, 13 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 1, 1964, pp 161-171.  
JPRS 24249

Sci-Med  
Apr 64

254,084

Fourth All-Union Conference on Electrophysiology,  
by V. G. Skrebitskiy, 5 pp.  
RUSSIAN, per, Zhur Vysah Nervnoy Deyatel iment  
I. F. Pavlova, Vol XIV, No 1, 1964, pp 181-183.  
JPRS 24249

Sci-Med  
Apr 64

254,685

Individual Differences as Factors in the  
Responses of Brain Potentials to Rhythmical  
Light Stimulation, by V. D. Nelitsyn, 16 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,  
Vol XIV, No 2, 1964, pp 195-203.  
JPRS 26427

Sci - B & M  
Oct 64

267,475



Some Peculiarities of Man's Voluntary and  
Involuntary Emotional Reactions, by P. V. Simonov,  
M. N. Valuyeva, et al, 12 pp.  
RUSSIAN, per, Zhur Vyssh Nestrnoy Deyatel,  
Vol XIV, No 2, 1964, pp 204-210.  
JPRS 26427

Sci - B & M  
Oct 64

267,476

Changes in the Relationships of the Orienting  
and Motor Conditioned Reflexes Under the  
Influence of Atropine, by E. A. Kostandov, 19 pp.  
RUSSIAN, per, Zhur Vyssh Nerynoy Deyatel.  
Vol ~~XXX~~, XIV, No 2, 1964, pp 211-222.  
JPRS 26427

Sci - B & M  
Sep 6 Oct 64

267,477

The Physiological Significance of Sounds of the  
Human Voice, by P. S. Shpakov, 16 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,  
Vol XIV, No 2, 1964, pp 239-245.  
JPRS 26427

Sci - B & M  
Oct 64

267,478

The Representation of the Visual Analysor in  
the Cortex of the Cerebral Hemispheres,  
by V. G. Skrebitskiy, Ye. G. Shkol'nik-Yarros, 19 pp.  
RUSSIAN, per, Zhur Vyssh Nerynoy Deyatel,  
Vol XIV, No 2, 1964, pp 277-286.  
JPRS 26427

Sci - B & M  
Oct 64

267,479

**Pathways for the Conduction of Primary Specific  
Information in the System of the Visual Analyser,**  
by N. N. Lyubimov, 13 pp.  
**RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,**  
**Vol XIV, No 2, 1964, pp 2847-295.**  
**JPRS 26427**

Sci - B & M

Oct 64

267,480

Interaction of the Excitatory and Inhibitory  
Processes in the Acoustic Analyzer of a Dog in  
Response to Pure Tones, by N. N. Lazuko, 10 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel.  
Vol XIV, No 2, 1964, pp 296-300.  
JPRS 26427

Sci - B & M  
Oct 64

267,481

Some Data on the Relationship Between Slow and  
Impulse Activity in the Paleocortex of the Lizard,  
by L. G. Voronin, K. G. Gusel'nikova, et al, 15 pp.  
RUSSIAN, per, Zhur Vyssh Nernoy Deyatel,  
Vol XIV, No 2, 1964, pp 2326-336.  
JPRS 26427

Sci - B & M  
Oct 64

267,482

Comparative Chemoarchitectonics of the Functional Groups of Proteins in Cortical Nuclei of the Cutaneous and Motor Analysors in Cats, by L. M. Gershteyn, 9 pp.  
RUSSIAN, per, Zhur Vyssh Nervn Deyatel, Vol XIV, No 2, Mar, Apr 1964, pp 346-349.  
JPRS 24966

Sci - Med  
Jun 64

260,747



S-749/64

Elements of Automatization in the Mechanics of  
Investigation of the Higher Nervous Activity,  
by E. Frantik, M. Khorvat. (SF 3253)  
RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel'nosti,  
Vol XIV, No 2, 1964, pp 358-362.

\*JPRS

Sci Med  
Jul 64

Methods of Simultaneous Study of the Blinking  
Conditioned Reflexes and the Functional State  
of the Cardiovascular System in a Human, by  
F. M. Lebedev, M. G. Khefets, 6 pp.  
RUSSIAN, per, Zh. Vyssh. Nervyn Deyat, Vol XIV,  
No 2, Mar, Apr, 1964, pp 364-368.  
JPRS 24967

Sci - Med  
Jun 64

FTD-11-65-60 [9092.94]

260,746

**Study of the Dynamics of the Frequency-Specific  
Reaction of Brain and Retina Biopotentials to  
Prolonged Photic Stimulation by the Correlation  
Analysis Method, by N. N. Danilova, 15 pp.  
RUSSIAN, per, Zhur Vyssh Nervnyy Devzatel.  
Vol XIV, No 3, 1964, pp 377-386.  
JPRS 26660**

Sci - B & M  
Sep 64

266,168

Influence of the School Day on Perception of  
Time, by A. S. Dmitriyev, A. P. Ozhigova, 13 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,  
Vol XIV, No 3, 1964, pp 417-425.  
JPRS 26060

Sci - B & M  
Sep 64

266,1269

Extinction of the Orienting Reaction After  
Cutting and Removing the Auditory Cortex,  
by M. M. Karimova, D. M. Bowden, et al, 11 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,  
Vol XIV, No 3, 1964, pp 445-467.  
JPRS 26060

Sci - B & M  
Sep 64

266,170

**Physiological Significance of the Rhythem and  
Intensity Components of the Acoustic Food  
Conditioned Reflex, by V. I. Syrenskiy, 6 pp.  
RUSSIAN, per, Zhur Vysgh Nervnoy Deyatel,  
Vol XIV, No 3, 1964, pp 475-479.  
JPRS 26060**

Sci - B & M  
Sep 64

266,171

Relationship Between the Primary Response of  
the Auditory Cortex in Wakeful Cats and the Time  
Parameters of the Signal, by G. V. Gershuni,  
I. A. Shevtelev, 12 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,  
Vol XIV, No 3, 1964, pp 489-497.  
JPRS 26060

Sci - B & M  
Sep 64

266,172

Influence of Removal of the Rabbit Cortical Visual  
Projection Zone on Responses of the Lateral  
Geniculate Body, by P. P. Gustson, 9 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,  
Vol XIV, No 3, 1964, pp 520-525.  
JPRS 26060

Sci - B & M  
Sep 64

266,173



Functional Morphology of Interneuron Synapses,  
by N. N. Bogolepov, 16 pp.  
RUSSIAN, per, Zhur Vyssh NERvnoy Deyatel,  
Vol XIV, No 3, 1964, pp 544-552.  
JPRS 26060

Sci - B & M  
Sep 64

266, p174

Automatic Analysis of the Duration of the Ascending  
and Descending Phases of Electroencephalogram  
Oscillations, by A. A. Genkin, V. K. Zakharov,  
V. I. Tarabukin, 12 pp.  
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,  
Vol XIV, No 3, 1964, pp 553-561.  
JPRS 26060

Sci - B & M  
Sep 64

266,175

Changes in Vascular Conditioned and Unconditioned Reflexes in Man in Relation to Typological Peculiarities of the Nervous System, by A. A. Rogov, T. T. Gorlanova, M. Kantorovich, N. T. Kovaleva, 9 pp.  
RUSSIAN, per, Zhurnal Vyshey Nervnoy Deyatel'nosti imeni I. P. Pavlova, Vol XIV, No 4, 1964, pp 602-607.  
JPRS 29177

Sci-Biol & Med  
Mar 65

276,811

Peculiarities of the Effect of Nivaline on  
Higher Nervous Activity of Dogs, by I. A.  
Aleksyeva, T. S. Naumova, 22 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel imeni  
I. P. Pavlova, Vol XIV, No 4, Jul/Aug 64,  
pp 667-677.

JPRS 27277

Sci-Biol&Med  
Jan 65

271,5XX72

The Limits of Differentiated Inhibition, by  
Ye. G. Guseva, 11 pp  
RUSSIAN, per: Zhurnal Vysshey Khimii Deyatel'-  
nosti Imeni I. P. Pavlova, Vol. XIV, No 4, 64, pp  
637-69  
JPRS 29151

USSR  
Sci.-B/16  
Apr 69

271,622

Interaction Between Supraliminal and External  
Inhibition, by V. N. Andreyeva, D. D.  
RESEARCH, from Zhurnal Vysshego Nervnogo Deyatel'-  
nosti Leningrad, L. P. Pavlova, Vol XIV, No 4, 64,  
pp 695-700  
JPRS 20142

RESEARCH  
Sci-1/4  
Apr 65

277,083

The Role of Conditional Signalization in the  
Spatial Analysis in Bats, by A. I. Konstantinov,  
13 pp.

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel imeni  
I. P. Pavlova, Vol XIV, No 4, Jul/Aug 64, pp 701-  
706.

JPRS 27285

Sci-Biol&Med  
Jan 65

271,574

Structural and Histochemical Characteristics of the  
External Geniculate Body of Primates, by T. V.  
Ball', V. V. Portugalov, Ye. G. Shkol'nik-Yarros,  
13 pp  
RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'nosti  
Imeni I. P. Pavlova, Vol XIV, No 4, 1964, pp 707-713  
JPRS 295145

USSR  
Sci-B/M  
Apr 65

277,736



Characteristics of Neuronal Structure and  
Synapses in the Brain Stem and Spinal Cord and  
Their Significance in Carnivores, by G. P.  
Zhukova, 17 pp.  
RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'-  
nosti, Vol XIV, No. 4, 1964, pp. 714-725.  
JFIS 43503

USSR  
Sci-BIBL  
AUG 67

333,267

Statistical Electroencephalograph Model, by M. I.  
Venslauskas, K. A. Grinyavichus, et al, 13 pp.  
RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'nosti  
imeni I. P. Pavlova, Vol XIV, No 4, Jul-Aug 1964,  
pp 726-731.  
JPRS 27,324

Sci-  
Jan 65

271,481

On Possibilities of Employing the Correlation  
Analysis of the Electroencephalogram (EEG)  
of Man, by O. M. Grindel', G. N. Boldyreva,  
et al, 13 pp.    RUSSIAN

RUSSIAN, per, Zhur Vyshey Nervnoy Deyatel' imeni  
I. P. Pavlova, Vol XIV, No 5, Se/Oct 1964, pp  
745-754.

JPRS 27677

Sci-Biol&Med  
Jan 65

272,122

Changes in the EEG and Cutaneous Galvanic Reaction  
During the Process of Formation of a Temporary Con-  
nection Between Motor and Visual Analyzers in  
May, by V. M. Vasil'yeva, 10 pp.

RUSSIAN, per, Zhur Vysshey Neryvnoy Deyatel' imeni  
I. P. Pavlova, Vol XIV, No 5, Sep/Oct, 1964,  
pp 755-752.

JPRS 27677

Sci-Biol Med  
Jan 65

272,123

Influence of Rotation Training of Motor  
Conditioned Reflexes in Rats, by

S. I. Mudman, 13 pp.

RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,

Vol XIV, No 5, 1964, pp 885-891. 9699832

PPD-TI-65-069

Sci - Biol & Med Sci

Mar 66

297,613

8-5823

(NY-200)

Dr. Results of the Scientific Research Work of  
the Hygiene and Sanitation Center, Kazan Institute  
of Epidemiology, Microbiology, and Hygiene Between  
1952-1956, by G. P. Poliat, 6 pp.

RUSSIAN, Inst. of Hygiene and Sanitation, Kazan, 1957, pp 11-15.

JUNE 22 1958

Sci - Med  
Mar 60

119/197

Snow and Ice as Materials for Road Construction,  
by N. T. Zikeev, K. Martinoff, 10 pp.

RUSSIAN, per, Zimmie Dorogi, 1951, pp 202-212.

SLA R-1959

Sci  
Aug 58

70,457

Winter Operation of Automobiles, by D. M. Levin,  
P. F. Ogloblin, 117 pp.

RUSSIAN, bk, Zimnaya Eksploatatsiya Avtomobiley,  
Moscow, 1952, 87 pp.

ATIC F-TS-9112/V

Sci - Electronics  
Aug 57

*Engineering 51, 225*



Winter Use of Wheeled and Tracked Vehicles,  
by V. G. Karpenko,

RUSSIAN, bk, Zimnyaya Eksploatatsiya  
Kolodnykh i Gusenichnykh Mashin, 255 pp.

\*ACBI E-7497  
ID 2149828

USSR  
Econ  
12 Oct 61

Winter Construction from Cohesive Earth in the Far North (Dam-Core Construction for the Vilyuy Hydro-electric Plant), by Ye. N. Batenchuk, G. F. Biyanov, et al. 73 pp.

RUSSIAN, ~~pat.~~ Zimnyaya Ukladka Svyaznikh Gruntov na Krainem Severe (Stroitel'stvo Plotiny Vilyuiskoy GES), 1968,

CFSTI TT 69-55098

Sci-Mech  
June 70

Wintering of Plants, by I. M. Vasil'yev.

RUSSIAN, bk, Zimovka Rastenii, 1956, 397 pp.

AIBS

Sci - Biol

Oct 61

170,756

Physical Principle of the Determination of  
the Moisture Content of Peat by the Neutron  
Method, by Yu. Chudars and N. Skvortsov,  
RUSSIAN, Izv. Akademiya Nauk Latv.  
SSR, No 5, (1952), pp 75-85.  
\*GIST1 TT 67-51320

Sci-Agru  
Dec 66

Rumen Microflora of Sheep on Different Rations, by  
Ye. A. Sosnovskaja.  
RUSSIAN, per, Zirotnovodstro, Vol 7, 1959, pp 61-63.  
\*NTIS TT 71-51039

Dec 71

Grasses, Introduction to the Study of Forage and Crop  
Grasses, by R. Roshevitz.

RUSSIAN, bk, Zlaki Vvedeniye Izucheniye Kormovykh i  
Khlebnykh Zlakov, 1937.

\*NTIS TT 72-51033

June 72

Coal Pipelines Is Under Construction, 2 pp.  
T.M. 557 11, 539  
RUSSIAN, Pravda, Moscow, No 6, 1959, p 22.

T.M. 557 11, 539  
AS 1419404

USSR  
Econ  
May 60

11,539

R-6889-D  
5 April 66

Earthwork Under Winter Conditions,  
RUSSIAN, rpt, Zmlyannyye Raboty pod  
Zimnyye Polzhenrye, 1961, 15.

Sci-Bar Sci  
Apr 66



# 13

(12-1-70)

The Settling of Refractory Compounds With Liquid Metals, by V. V. Kostin, V. I. Korovin, V. I. Korovin, Yuriy V. Kostin, V. I. Korovin, 110 pp.

UKRAINE, Znachuvannya Ruchnyy Metalizuy  
Poverkhen' Uspoln'daysh Spokuk, 1970, 110 pp.

JPRS 5005

122,870

Sci - Metallurgy

AUG 60

PROPER FEEDING OF TUMOR PATIENTS DURING RADIATION  
TREATMENT, BY K. A. SKULME, 75 PP.

RUSSIAN, DK, ZNACHENIYE FAKTORA PITANIYA V PROFILA-  
KTIKA LUCHEVOY BOLEZNI, VOL XXVIII, RIGA, 1962,  
PP 171-243, 255-256.

JPRS 215

BIOL & MED SCI

OCT 63

243,464

(FDD 26111)

The Significance of the Marxist-Leninist Theory, by  
P. N. Patrikeyev, 36 pp.

RUSSIAN, pamphlet, Znachenie Marksist<sup>s</sup>ko-Leninskoy  
Teorii, Moscow, 1954, pp 1-24.

CIA/~~XXXXXXXX~~  
FDD/U-7750

31,872

USSR  
Pol - Marxist Theory

The Importance of Inoculations, by I. I. Rogozin, 19 pp

RUSSIAN, per, Znachenije Predokhranitel'nykh Privivok,  
Incl 1 to RW-257-61, 1959, pp 3-35.

ACSI H-9542  
ID 2169663

Sci - Med.  
Aug 61

162,974

Railway Car Signs and Inscriptions of the Rail-  
roads of the USSR, 241 pp.

RUSSIAN, bk. Znaki i Nadpisi Na Vagonakh Zheleznykh  
Dorog SSSR, 1966.

DIA LN 217-69

USSR  
Econ  
Jan 69

372,047

Meet — Aeroflot, by V. Gavrilenko, I. Chudakov.

66 pp.

RUSSIAN, bk, Znako'tes' — Aeroflot. 1968,

pp 1-48.

AIR/FTD/MT-24-254-68

sci/mechan engr

may 69

380,179

(FDD 19767)

The Work of a Writer, by Il'ya Ehrenburg, 93 pp.

RUSSIAN, no per., Znamya, Moscow, Oct 1953.

CIA/FDD/U-5270

USSR

Social - Cultural, literary criticism

8792

489 10-1989

Our Tasks, Our Perspectives, by D. G. Onika,  
18 pp.

RUSSIAN, per, Znanya, No 4, Apr 1958,  
pp 175-186.

US JFES/DC-1,-1217

USSR  
Econ  
Dec 58

70,017



19102  
10 Mar 69

DC

SF

DIRTY

Department of Party ~~Affairs~~ by Vladislav  
Minayev,

Russian, per, Znamya, No.6, 1960, pp116-141

Special Type "B": Translator's draft plus one  
T.D. 24 Mar 69

source- do not mutilate Xerox pp

Notes on Young Poetry, by L. Annunzio, P. 1

INDEPENDENT, FOR, Amalya, No 9, 1951, 1952;  
ON 1.7.1952.

JRAC 1952

USCR

Sec

NY 61

XX THE NEW MAN IN THE COMMUNIST SOCIETY,  
BY YE. RYABCHIKOV, 29 PP.

RUSSIAN, PER, ZNAMYA, VOL XXXII, NO 6,  
~~1962~~ 1962, PP 174-184.

JPRS 17065

USSR  
POL  
JAN 63

218,907

J-892

Heirs of the Doctrine of Total Espionage,  
by F. Sergeyev, *SP*

RUSSIAN, per, Znanya, No 11, 1964, pp 209-229.

\*JPRS/DC-11060/SPECIAL

USSR.  
Pol - Espionage  
15 Jan 65

*SP-126*

J-1207

Heirs of the Doctrine of Total Espionage,  
by F. Serayev.

RUSSIAN, per, Znamya, No 12, 1984, pp 210-229.

\*JPRS/DC-11088/SPECIAL

USSR

Fol - Espionage

15 Jan 65

*SP 26*

Islam, Its Origin and Its Future, by L. I.  
Klimovich, 28 pp.

RUSSIAN, Znanie, Series II, No 6, Moscow, 1956.

FDD/J-3439

The Progress of Heavy Industry in the USSR.

RUSSIAN, per, Zhande, Moscow, 1958, 12 pp.

Partial tr

6004th AISS  
Tr No S-2BOL-4  
(PENDING)

USSR  
Econ  
Oct 59

Organic Phosphorus Compounds, by B. A. Arbuzov, 16 pp

RUSSIAN, per, Znanie, 1959. CIA 9042499  
(Not in DA)

USDA

Sci - Chemistry  
Sep 59

97,483



(DC 5587).

Dialectical Logic As a Science, by N. N. Slekseyev,  
RUSSIAN, monograph, Znaniye, Seriya II, No 1, 1961,  
pp 1-48.

\*JPRS

Sci - Misc

20 Mar 61

CSO 1872

The Problem: Consciousness and the Brain,  
by M. A. Logvin.

RUSSIAN, per, Znaniye, 1963, pp 1-48.

\*JPRS

Sci -  
Jul 63

*Handwritten:* *Handwritten in the margin*  
The Formation of Graphic and Skilled  
Students, by B. F. Lomov.

RUSCLEN, bk, *Imanil i Naylov a Draznari 1950*,  
Moscow, 1950, 270 pp.

\*RASA.

Sci - Earth Sci & Ast

Nov 63

Siberian Rivers Will Flow to the Aral Sea, by E. G. Romashkov, 11 pp.

RUSSIAN, per, Znanie-Sila, Vol XIX, No 2, 1949,  
pp 13-15. 9098134

ABC SCL-P-297

Sci  
May 61

151,148

The Way to the Stars, by V. Borisov,  
7 pp.

RUSSIAN, per, Znanie-Sila, Vol XXV, No 4,  
Apr 1950, pp 7-8. CIA 9006302 V

Rand Corp RM 1760

Sci - Aeronautics  
Oct 57

TR  
34, 215

(FDD 22393)

On the Road to Electrification, by A. V. Vinter,  
10 pp.

RUSSIAN, no per, Znaniye Sila, No 1, Moscow,  
Jan 1954, pp 4-6.

CIA/FDD/U-6554

USSR

Economic - Electric power Oct 54 CTS

19,241

Flight to the Moon, 14 pp.

RUSSIAN, per, Znaniya-Sila, No 10, Oct 1954, pp 15-46,  
Encl to IR-369-55. CIA D 256367.

AF 671208

USSR  
Sci - Aeronautics

26,837