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- I. Title: Polyps
- I. Zyubbarov, A. A.
- II. National Institutes of Health, Bethesda, Md.

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DESCRIPTORS: \*Geophysics, \*Gravity, Gravity  
anomalies, Gravimeters, Measurement, Analysis,  
Geology.

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DESCRIPTORS: \*Gravity, \*Maps, Gravity anomalies,  
Geology, Analysis.

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storms, Radiofrequency interference, Distribution,  
Ionosphere, Maps, Graphic analysis, Geography.

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- I. Title: F2 layer
- I. Lavrova, E. V.
- II. DSIS-T-384-R
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366,632

Stamov, D. G.  
THE SPECIAL IMPORTANCE OF THE POLARIM-  
ETRIC METHOD OF DETERMINING AND STUDYING  
THE TURBIDITY OF THE EARTH ATMOSPHERE AS  
COMPARED TO ACTINOMETRIC AND DISPAN-  
OSCOPIC METHODS (Osoboe Znachenie Polyarimetri-  
cheskogo Metoda Opredeleniya i Izucheniya Murnosti  
Zemnoi Atmosfery v Sravnenii s Aktinometricheskim i  
Diafanoskopicheskimi Metodami)  
B. Goertz, tr. Feb 64, 9p 8refs  
Order from OTS, SLA, or ETC \$1.10 TT-64-13749

Trans. of Akademiya Nauk Kazakhskoi SSR, Alma Ata.  
[Astrofizicheskii Institut]. Trudy, 1962, v. 3,  
p. 163-170. (Abstract available)

DESCRIPTORS: \*Atmosphere, Optical properties,  
Light, Polarization, Optical analysis.

(Earth Sciences--Atmosphere, TT, v. 11, no. 10)(over)

TT-64-13749

I. Stamov, D. G.  
II. National Bureau of  
Standards, Boulder,  
Colo.

Office of Technical Services

62-10616

Nigmatova, R. Sh.  
ELECTROCHEMICAL PROPERTIES OF GERMA-  
NIUM. [1962] 7p. 36 refs.  
Order from OTS or SLA \$1.10          62-10616

I. Nigmatova, R. Sh.

Trans. of A[kademiya] N[auk] Kaz[akhsko] SSR [Alma  
Ata]. Inst[itut] Khim[icheskikh] Nauk. [Trudy.] 1960,  
v. 6, p. 178-183.

DESCRIPTORS: \*Germanium, \*Electrochemistry,  
Germanium alloys, Electrolysis, Chemical reactions,  
Electrodes, Semiconductors.

(Chemistry--Physical, TT, v. 8, no. 7)

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Investigation of Mechanism of Catalytic Reduction of Nitrobenzene and Certain of its Derivatives, by V. P. Shmonina, D. V. Sokol'skiy  
23 pp.

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AIR/PTD/MI-24-435-69

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Solubility of Iron and Aluminum  
Chlorides in Titanium Tetrachloride,  
by N. N. Ruban, V. D. Ponomarev, et al.  
RUSSIAN, per, Trudy Akademiya Nauk  
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1963, pp 22-29.  
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Jan 67

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Effect of the Drying Conditions on the Viability  
and the Biological Activity of Actinomycetes, by N.  
A. Glebova.

RUSSIAN, per, Trudy Ak Nauk Kazak SSR, Inst Mikrobiol  
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Sci - Biology  
Sept 60

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Zavorokhina, N. A. and Ben'kovakiy, V. G.  
THE MECHANISM OF STABILIZATION OF CLAY  
SUSPENSIONS [DRILLING MUDS] BY THE SODIUM  
SALT OF CARBOXYMETHYL-CELLULOSE. [1961]

8p.  
Order from ATS \$14.60

ATS-91NSOR

Trans. of Akademiya Nauk Kazakhskoy SSR (Alma-  
Ata). Institut Nefti i Rudy, 1968, v. 2, p. 53-60.

61-22364

1. Drilling fluids--  
Stabilization
2. Carboxymethylcellulose--  
Applications
  - I. Zavorokhina, N. A.
  - II. Ben'kovakiy, V. G.
  - III. ATS-91NSOR
  - IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

160929

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(Chemistry--Physical, TT, v. 5, no. 12)

Zhernovoi, A. I. and Latsyhev, G. D.  
FREQUENCY DEPENDENCE OF A NUCLEAR PARA-  
MAGNETIC MASER ON ITS PARAMETERS  
B. W. Kuvshinov, tr. 23 Sep 63, 9p 9refs  
APL/JHU TG 230-T401.  
Contract N0w62-0604-c  
Order from OTS \$0.50

TT-63-11737

Trans. of Akad[emiya] Nauk Kaz[akhskoi] SSR [Alma  
Ata]. Inst[itut] Yadernoi Fiziki, [Trudy], 1962, v. 5,  
p. 111-116. (Abstract available)

DESCRIPTORS: \*Masers, \*Nuclear resonance, \*Para-  
magnetic resonance, Circuits, Oscillation, Excitation,  
\*Measuring devices (Electrical and electronic), Errors.

Presentation is made of the expression obtained for the  
dependence of the frequency of oscillations excited in a  
radio-frequency circuit by radiation relaxation of  
(Physics, TT, v. 11, no. 6) (over)

TT-63-11737

- I. Zhernovoi, A. I.
- II. Latsyhev, G. D.
- III. APL/JHU-TG-230-T401
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John Hopkins U.,  
Silver Spring, Md.
- V. Contract N0w62-0604-c

Office of Technical Services

Discovery, of Ticks of the Species Haemaphysalis  
Concinna Koch Naturally Infected with Tularemia  
Bacteria, by N.G. Olsuf'ev. V.G. Petrov.  
RUSSIAN. per Acad. Nauk. Kazakhskoi SSSR Inst. Zoology.  
Trudy, 1960, pp 54-56  
NRC/C-5380

Sci -  
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339-710

TT-64-15636

Yakumin, M. P.  
SPIROCHAETES OF WILD BIRDS: PARASITES OF WILD  
ANIMALS OF KAZAKHSTAN. [1964] [10p] 15refs  
NAMRU Trans. 97(1977).  
Order from OTS, SLA, or ETC \$1.10 TT-64-15636

Trans. of Akademiya Nauk Kazakhstani SSR  
Alma-Ata. Institut Zoologi. (rudly)  
1962, v. 16, p. 15-22.

- I. Yakumin, M. P.
- II. Title: Parasites...
- III. NAMRU-Trans-97
- IV. Naval Medical Research  
Unit No. 3, Cairo  
(Egypt)

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Biting Activity of the Mite Ornithodoros  
Papillipes Bir., 1895, in Caves. Wildlife  
Parasites of Kazakhstan, by V. N. Kusov.  
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Trudy, Vol 22, 1964, pp 150-160.  
NRC/Ref: C-5350

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S-1076/63

Pathogenic Effect of Small and Average Doses of  
Gamma-Rays on the Progeny of Irradiated Insects,  
by V. Ya. Podolyan. NY-7920

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RUSSIAN, per, Akad Nauk Kazakh SSR, Trudy, Instituta  
Zoologii, Parazity Dikikh Zhivotnykh Kazakh, Vol XIX,  
1963, pp 220-225.

\*JPRS

Sci - Med

Nov 63



Optical Absorption Characteristics of Some  
Plant Species in the Infra-Red Sector of the  
Spectrum, by N. Perevortun.

RUSSIAN, per, ~~XXXX~~ Trudy, Ak Nauk Kazahskoi  
SSR, Sektor Astrobotaniki, Vol VIII, 1960,  
pp 59-64.

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Sci-Biol  
May 63

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61-20047

Kudakova, R. V.  
ON STABILITY IN A FINITE INTERVAL OF TIME.  
[1961] 8p. 3 refs.  
Order from OTS or SLA \$1.10

61-20047

I. Kudakova, R. V.

Trans. from Akademiya Nauk Kazakhskoi SSR / Alma-Ata. Sektor Matematiki i Mekhaniki. Trudy (USSR)  
1958, v. 1.

DESCRIPTORS: \*Time, Stability, Analysis, \*Differential equations, Real variables.

Consideration is given to a system of differential equations:  $x_s = X_s(t, x_1, x_2, \dots, x_n)$ , ( $s=1, 2, \dots, n$ ) where the right hand sides are assumed to be such that through every point of the domain (H):  
 $T_1 \leq t \leq T_2$ ,  $|x_s| \leq h$  ( $T_1 \neq T_2$ ,  $h \neq 0$ ) there passes a unique solution. Assume that  $X_s(t, x_1, \dots, x_n)$  is (Physics, TT, v. 7, no. 6) (over)

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On the Nonlinear Flutter of a Plate  
Fixed Along Its Perimeter, by

B. P. Makarov, 8 pp.

RUSSIAN, bk, Trudy. AN SSSR. Kazanskiy'

Filial Kazanskiy Gosudarstvennyy

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Teorii Plastin i Obolochek, 1961,

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Results of Geophysical Works in Research  
in Plutonic Geology Connected with the  
Problem of Oil Contents in Certain  
Regions of Ukrainian SSR, by V. S.  
Zavistovskii, 32 pp.  
RUSSIAN, per, Trudy, Akademiya Nauk  
USSR, Kiev. Institut Geologicheskiih  
Nauk, Vol 12, 1939, pp 163-178.  
OTB TT-64-19741

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63-16352

Denisov, P. V. and Belova, O. I.  
ABOUT THE METHOD OF DETERMINATION OF  
CHLORIDES IN SUGAR SOLUTIONS. [1963] 14p.  
(figs. omitted) 3 refs.  
Order from OTS or SLA \$1.60 63-16352

I. Denisov, P. V.  
II. Belova, O. I.

Trans. of A[kademiya] N[auk] Kirgiz[skoi] SSR  
[Frunze]. Inst[itut] Khimii. Trudy, 1956 [v. 7]  
P. 69-77.

DESCRIPTORS: \*Chlorides, \*Carbohydrates, Solutions,  
Titration, Chemical analysis.

(Chemistry--Analytical, TT, v. 10, no. 9)

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Materials on the Biology of Haemaphysalis War-  
bertoni Nutt., 1912, in Conditions of Kir-  
ghizia, by S. K. Sartbayev, 10 pp.

RUSSIAN, per, Trudy Ak Nauk Kirghiz SSSR, Inst  
Zool Parasit, 1955, PP 121-127.

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NIH 3-41

Sci - Biol

Apr 59

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Ixodid of Issyk-kul Oblast in Kirgiz SSR,  
by R. V. Grebenyuk,  
RUSSIAN, per, Trudy Ak Nauk Kirgizskoy SSR,  
Frunze Inst Zool i Parazitologii, No 4, 1955,  
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CFSTI TT 66-61187

Sci-B&M  
Jun 67

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Study of the Possible Role of Ixodid Ticks  
as Reservoirs and Vectors of Flagus Microbes,  
by R. V. Grebenyuk, L. N. Klassovsky, S. K.  
Sartbayev, E. A. Schwartz, P. A. Polulyakh,

11 pp.

RUSSIAN, par, Trudy Ak Nauk Kirgizskoy SSR,  
Frunze, Institut Zoologii i Parazitologii,  
No 5, 1956, pp 121-127.

CPSMI TT-66-60944

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Sci - Biol & Med  
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Antibiotic Effect of Certain Penicillium  
Fungi on Staphylococcus in Vitro and in  
Vivo, by A. Z. Joffe, A. Jackevihius,  
RUSSIAN, per, Ak Nauk Kitovskoi SSR,  
Inst Eksperimentalnoi Meditsiny, Trudy,  
Vol III/IV, 1958, pp 185-192.  
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TT-64-11074

Popov, V. V., ed.  
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Klitsya) A. Gourevitch, tr. 1964, 134p 72refs PL-480  
Agr.  
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[p. 1-128].

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The Spore-Pollen Complexes in Cretaceous  
Deposits of the Suchan Coal Basin,  
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