

SLUCHEVSKIY, F.I.

Electrometric studies on perspiration in manic-depressive patients.
Vop.psikh. i nevr. no.1:161-167 '57 (MIRA 11:8)

1. Iz psikhiatricheskoy kliniki 1-go Leningradskogo meditsinskogo
instituta im. akad. I.P. Pavlova.

(PERSPIRATION)

(MANIC--DEPRESSIVE PSYCHOSES)

SLONOVSKIY, P. I. Cand Med Sci -- (diss) "On atypical forms of ■ manic-depressive psychosis." Len, 1956. 18 pp (Min of Health RSFSR. 1st Len Med Inst in Academician I. P. Pavlov), 200 copies (KL, 36-58, 116)

-26-

ZENEVICH, Georgiy Viktorovich; SLUCHEVSKIY, F.I., red.; LEBEDEVA,
G.T., tekhn. red.

[Remissions in schizophrenia] Remissii pri shizofrenii.
Leningrad, Izd-vo "Meditsina," 1964. 214 p. (MIRA 17:3)

*

GOROVAYA, R.A.; DEDOV, V.F.; DOIGOV, A.N.; LEVENA, M.V.; SLUCHEVSKIY, F.I.

Clinical statistical analysis of patients registered in a
district neuropsychiatric dispensary with the diagnosis of
organic brain lesions. Vop. psikh. nevr. no.10:410-418 '64.
(MIRA 18:12)

Shabanov, M.M.; SHABANOV, M.M.; SEMOV, V.F. (Leningrad)

Daytime hospital in institutions of "shorttime hospitalization"
in the system of psychiatric aid. Zhur. nevr. i psikh. 65 no.8:
1266-1271 1965. (MIRA 18:8)

SABANKYEV, Leonid Puvlovich, ikhtiolog; SLUGHEVSKIY, G.I., red.;
GERSHMAN, N.K., tekhn.red.

[Fishing calendar] Rybolovnyi kalendar'. Kaliningrad, Kalinin-
gradskoe knizhnoe izd-vo, 1960. 93 p.

(MIRA 14:4)

(Fishing)

SLUCHEVSKIY, I. F., M.D.

USSR/Medicine - Electricity
Medicine - Sleep

Jun 48

"The Problem of Sleep, Narcosis and Let argy Induced by Electricity," Prof V. A. Gilyarovskiy, Prof I. F. Sluchevskiy, N. M. Liventsev, Z. A. Kirillova, Inst Psychiatry, Acad Med Sci, 5 3/4 pp

"Klin Med" Vol XXVI, No 6

Describes induction of narcosis and lethargy in dogs and human beings by alternating currents. Gives details of surgical operations performed under such conditions.

PA 14/49458

SLUCHEVSKY, I. F., PRCF.

Psychiatry

Certain actual problems of psychiatry. Zhur. nerv. i psikh., 52, no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

TIMOFEEV, N.N.; SLUCHEVSKIY, I.F.

"Clinical lectures in child psychiatry." G.N.Sukhareva. Reviewed by
N.N.Timofeev, I.F.Sluchevskii. Zhur.nevr. i psikh. 56 no.9:763-764
'56. (MIRA 9:11)

(CHILD PSYCHIATRY)

1. Information (Specialty) on the ... 1957
432

USSR/Human and Animal Physiology - The Nervous System.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 13269

Author : Sluchevskiy, I.F.

Inst :

Title :

Psycho-Pathological Syndromes and Their Patho-Physiological Basis

Orig Pub : v sb.: Psikhiatr. klinika i probl. patol. vyssh. nervn. deyat-sti. Vyp. 2. L.; 1957, 12-24

Abstract : Individual psycho-pathological syndromes were subjected to defense inhibition of the secondary signaling system in its highest instances (maniac), diffuse inhibition on a background of weakness of the basic processes (amentive), manifestations of inductive stimulation (delirious), or inhibition (melancholy) extending to the underlying levels of the CNS. In other syndromes there was observed general inhibition of the cortex (depersonalized) and a focus of pathological

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- 129 -

USSR/Human and Animal Physiology - The Nervous System
Abs Jour : Ref Zhur Biol., No 3, 1959, 13269

inertia in the secondary signaling system (paranoid, paranoic) in either one of the analysors (the Clerambault-Kandinskiy syndrome, catatonic, hallucinative, paraphrenic). -- K.S. Ratner

Card 2/2

SLUCHEVSKIY, I. F.

"O Voprosakh Teorii i Praktiki Psikhologii Trebuyushchikh Svoego Razresheniya" p.3.

"Psikhopatologicheskiye Sindromy i ikh Patofiziologicheskaya Osnova." p 12.

with Ye. Ye. Zotova, V. A. Nikitina "K voprosu ob Immunitete Pri Psikhicheskikh Zabolevaniyakh." p. 220

with K. N. Tokarevich, "O Psikhozakh, Voznikayushchikh v Svyazi s Rany Perenesennym Sypnym Tifom v Svete Predstavleniy o Vozmoznosti Pozdnikh Patsidivov etoy Infektsii."* p. 236.

Psikhiatricheskaya klinika i problemy patologii vysshey nervnoy deyatel'nosti.
Sbornik trudov Kafedry psikhologii., Leningrad. 1957. vol. 2.
resp. ed. I. F. SLUCHEVSKIY.

[Chair of Psychiatry.
Leningrad State Inst. Advanced Training of Physicians.]

*Dolozheno 29/V-1956 g. na ob"edinennom Zasedenii Leningradskogo otdeleniya Vsesoyuznogo

obshchestva Nevropatologov i Psikhiatrov i Leningradskogo Otdeleniya Vses. Obshch.

Mikrobiologov, Epidemiologov i Infektsionistov.

PEREL'MAN, A.A. (Tomsk); MOLOKHOV, A.N. (Kishinev); IVANOV, N.V. (Gor'kiy);
KUTANIN, M.P. (Saratov); EPSHTEYN, A.L. (Dnepropetrovsk); CHALISOV,
M.A. (Minsk); SEMENOV, S.F. (Moskva); SLUCHEVSKIY, I.F.

Discussion. Probl.sud.psikh. 9:162-173 '61.
(MENTAL ILLNESS)

(MIRA 15:2)

SLUCHEVSKIY, I.F. (Leningrad)

Concerning the inadequate basis of the clinical concept of
pathological intoxication. Probl.sud.psikh. 9:453-466 '61.

(MIRA 15:2)

(Drunkenness (Criminal law))

(Forensic psychiatry)

SLUCHEVSKIY, I.I., kand.med.nauk

~~Some public health problems in England; a survey.~~ Zdrav.Hos.Feder.
2 no.3:32-35 Nr '58. (MIRA 11:3)

(GREAT BRITAIN--PUBLIC HEALTH)

TALYZIN, F.F.; SLUCHEVSKIY, I.I.

"Facts on the major killing and crippling diseases in the United States today". Reviewed by F.F. Talyzin, I.I. Sluchevskii.
Sov. zdrav. 19 no. 4:83-85 '60. (MIRA 13:10)
(UNITED STATES—PATHOLOGY)

SLUCHEVSKIY, I.I., kand.med.nauk (Moskva)

Epidemic of traumatism abroad and its causes. Sov.zdrav. 22
no.2:69-74 '63. (MIRA 16:2)
(HOME ACCIDENTS) (INDUSTRIAL ACCIDENTS) (TRAFFIC ACCIDENTS)

SLUCHEVSKIY, I.I., kand.med. nauk

World Health Organization. Fel'd i akush. 28 no.3:56-59 Mr'63.
(MIRA 16:7)

1. Iz otdela zarubezhnogo zdravookhraneniya Instituta imeni
N.A.Semashko.
(WORLD HEALTH ORGANIZATION)

SLUCHINSKY, I.A., ^{J.} J. Agr Sci—(dis) "On a Question of Application
of ^{of} ~~the~~ in the ~~revision~~ of ~~the~~ Leningradskaya ~~ident~~ and ~~some~~ of ~~the~~ ^{CIA-}
~~improvement.~~" ~~Len~~, 1953. 20 p. (in: Agr. ~~Work~~. ~~Len Agr Inst~~),
No. 1. (17, 22-23, 110)

1. SLUCHEVSKIY, V.
2. USSR (CCO)
- h. Agricultural Machinery
7. Hay and straw stacker, MTS 13 no. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

2

L 22458-66 EWT(d)/EWP(h)/EWP(l)

ACC NR: AP6002542

(A, N)

SOURCE CODE: UR/0286/65/000/023/0043/0043

AUTHORS: Kolot, I. I.; Gladkiy, V. I.; Sorokin, Ye. K.; Zhardinovskiy, G. M.; Sluchevskiy, V. A.; Gul'ko, A. I.; Kurochkin, A. S.

ORG: none

14, 44, 55

2
B

TITLE: Crane with variable extension boom. Class 35, No. 176667

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 43

TOPIC TAGS: crane, loading machinery, transport equipment

ABSTRACT: This Author Certificate presents a crane with variable extension boom which has a pinned supporting strut. The end of the strut is connected through a compound pulley system to the crane boom. To increase the lifting capacity with extended boom by eliminating compressive loads and to decrease crane height during transport, the pinned supporting strut is mounted at the base of the boom and is equipped with a diverting pulley mounted on the bottom part of this pulley so that the pulley forces are directed upward, opposing the forces resulting in the strut due to tension in the boom pulley system (see Fig. 1).

Card 1/2

UDC: 621.873.3

L 22458-66
AOC NR: AP6002542

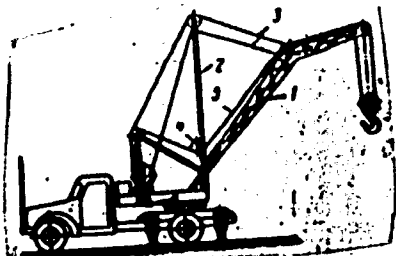


Fig. 1. 1 - boom; 2 - strut; 3 - boom pulley system; 4 - diverting pulley; 5 - lead cable.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 28Oct64

Card 2/2 *Handwritten*

SLUCHEVSKIY, V S

PHASE I BOOK EXPLOITATION

SOV/3532

Serova, Irina Aleksandrovna, Vladimir Stepanovich Sluchevskiy, and Porfiriy Luk'yanovich Strelets

Proizvodstvo keramicheskikh p'yezoelementov; osnovy tekhnologii (Production of Ceramic Piezoids; Fundamentals of the Process) [Leningrad] Sudpromgiz, 1959. 98 p. 2,700 copies printed.

Resp. Ed.: V.A. Isupov; Ed.: A.G. Fomichev; Tech. Ed.: L.I. Levochkina.

PURPOSE: This booklet is intended for laboratory personnel and specialists engaged in the production of ferroelectric ceramic piezoids.

COVERAGE: The booklet reviews basic principles of the process of manufacturing ceramic piezoids from ferroelectric ceramic materials and briefly describes the most important equipment used. Designs of various apparatus and the flow sheet of the process are presented. The properties of certain ceramic ferroelectric materials and other solid solutions are presented and their chemical composition and characteristics analyzed. The preparation of ceramic material from barium and calcium titanate is described. Methods of forming ceramic piezoids under

Card 1/5

Production of Ceramic Piezoids (Cont.)

SOV/3532

high pressure, plasticizers, dry pressing and hot casting are discussed along with methods of firing, machining and glazing formed ceramic piezoids. Methods of polarizing, soldering and impregnating parts made of barium titanate are also discussed and problems of straight-flow production of ceramic piezoids and the labor and equipment required are reviewed. Appendixes indicate the principal requirements for piezoelectric parts as well as their specifications and describe methods for the complete chemical analysis of ceramic material prepared from barium and calcium titanate. Chapters I and II were written by I.A. Serova, III to VII by P.L. Strelets, and VIII by V.S. Sluchevskiy. The authors thank G.A. Smolenskiy, Doctor of Physical and Mathematical Sciences, I.A. Myl'nikova Candidate of Technical Sciences, and Engineer V.A. Isupov. There are 10 references, all Soviet.

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Card 4/5

PALIYCHUK, A.S., inzh.; CHABAN, O.I., inzh.; SHVETS, V.N., inzh.;
GUSEYNOV, M.Kh., inzh.; SLUCHISHKIN, M.Ya., inzh.; BOBKOV,
V.S., inzh.; KURTSEV, P.A., inzh.

Starting a 150 Mw boiler after installation. Teploenergetika
8 no.7:8-12 J1 '61. (MIRA 14:9)

1. Yuzhnoye otdeleniya Gosudarstvennogo tresta po organizatsii
i ratsionalizatsii elektrostantsiy i Gosudarstvennaya rayonnaya
elektricheskaya stantsiya "Severnaya".
(Boilers)

SLUCHISHKIN, M. Ya., inzh.

Installation of the TGM-94 boiler and PVK-150 turbine system
outdoors. Energetik 10 no.3:1-4 Mr '62. (MIRA 15:2)
(Boilers) (Turbines)

CHABAN, O.I., inzh.; VIZIR, B.S., inzh.; SLUCHISHKIN, M.Ya., inzh.;
GUSEYNOV, M.Kh., inzh.

Special operating features of the steam and water circuit of the
TGM-94 boiler. Teploenergetika 10 no.6:21-25 Je '63.

(MIRA 16:7)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i
ratsionalizatsii rayonnykh elektrostantsiy i setey i
Gosudarstvennaya rayonnaya elektrostantsiya "Severnaya".
(Boilers)

CEREMUZYNSKI, Leszek; KRASKA, Tadeusz; SLUCKA, Cecylia

Preliminary clinical experiences with the use of a polarizing mixture (potassium, insulin, glucose) in myocardial infarct.
Pol. arch. med. wewnet. 34 no.5:541-547 '64

1. Z IV Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Z. Askanas).

SLUCKA, Cecylia; TENENBAUM, Barbara

Rhythm of the coronary sinus. *Polaki tygod.lek.* 15 no.12:425-428 21 Mr '60.

1. Z IV Kliniki Chorob Wewnetrznych A.M. w Warszawie; kierownik:
prof.dr med. Z. Askanas.
(HEART physiol.)

SLUCKA, C.

Mycotic embolism of the coronary arteries of the heart. Kardiol.
polska 4, no.4:311-314 '61.

1. Z IV Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.
dr. Z. Askanas.

(CORONARY DISEASES microbiol)
(MONILLIASIS compl)

POLAND

SLUCKA, Cecylia, Fourth Clinic of Internal Diseases (IV Klinika Chorob Wewnętrznych), AM [Akademia Medyczna, Medical Academy] and Central Outpatient Clinic for Circulatory Diseases (Centralna Przychodnia Chorob Układu Krążenia) in Warsaw (Director: Prof. Dr. Z. ASKANAS)

"Effect of Alternating and Condenser Currents on the EKG of the Dog."

Warsaw, Postopy Higieny i Medycyny Doswiadczalnej, Vol 17, No 3, 63, pp 347-350.

Abstract: Author analyses the EKGs obtained in fibrillation-defibrillation studies on a dog's heart with AC and condenser discharges. She notes particularly two types of ventricular fibrillation observed. One involves oscillation of segments of the ventricle with sinusoidal EKG pattern (Schwebungsform), usually reversible and susceptible to defibrillation; the other -- vibration of fibrils or minute parts of the chamber, irreversible, not susceptible to defibrillation, and an EKG pattern resembling a phonocardiogram (Geraushartig). Two Polish and one German references.

1/1

SLUCKI, Leon

Pyelitis in pregnancy. Polski tygod. lek. 13 no.47:1879-1880 24 Nov 58.

(PREGNANCY, compl.
pyelitis (Pol))
(PYELITIS, in pregn.
(Pol))

SIUCKI, Leon

Therapy of trichomonal urethroprostatitis. Polski tygod. lek. 14
no.20:927-928 18 May 59.

(TRICHOMONIASIS, ther.
urethroprostatitis (Pol))

(URETHRA, dis.
trichomonal urethroprostatitis, ther. (Pol))

(PROSTATIS, ther.
trichomonal urethroprostatitis (Pol))

SLUTSKIY, Leon [Slucki, Leon]

Treatment of urogenital trichomoniasis in men and women. Urologia no.5:66-69 '61. (MIRA 14:11)

1. Iz polikliniki No.2 Tsentral'nogo klinicheskogo gospihalya (nach. - doktor med.nauk Ch. Verkhalovskiy), Varshava. (TRICHOMONIASIS) (GENITOURINARY ORGANS--DISEASES)

SLUCKI, Leon

Management of Trichomonas vaginalis infection of the urogenital tract in men and women. Polski przegl. chir. 33 no.11a:1451-1455 '61.

1. Z Polikliniki CSK MSW w Warszawie Dyrektor: dr Warchalowski.
(TRICHOMONAS INFECTIONS ther)

JAUGIETS, Voldemars; SLUCKINA, Ruta; LEVI, S., red.; PILADZE, Z.,
tekh. red.

[Academician Janis Berzins; biobibliography] Akademiks
Janis Berzins; biobibliografija. Riga, Latvijas PSR
Zinatnu akad. izd-ba, 1963. 77 p. (MIRA 17:3)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu
Akademija. Fundamentala biblioteka.

FELE, E.; SLUCKINA, ...; LEVI, S., red.

[Academician Arvids Kalnins; a biobibliography] Akademikis
Arvids Kalnins; biobibliografija. Riga, Latvijas PSR Zin-
atnu Akad. izd-ka, 1964. 154 p. (MIRA 17:10)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu
Akademija. Fundamentala biblioteka.

SLUDSKAYA, A.I.

Tissular reactions of the rabbit spleen to intramuscular administration of the leucocytic preparation. Dokl. AN SSSR 141 no.6:1473-1475 D '61. (MIRA 14:12)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.
Predstavleno akademikom A.N.Bakulevym.
(Serum) (Spleen) (Karyokinesis)

ABULADZE, A.V.; SLUDSKAYA, A.I.

Characteristics of the development and the picture of peripheral
blood in white rats thymectomized in the early postnatal period.
Dokl. AN SSSR : 159 no. 5:1197-1200 D 1964 (MIRA 16:1)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR.
Predstavleno akademikom A.N. Bakulevym.

СЛУБСКАЯ, А.И.

Spleen histogeny of white rats thymectomized at an early post-natal period. Dokl. AN SSSR 161 no.3:733-735 Mr '65.

(MIRA 18:4)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.
Submitted April 27, 1964.

SHUMSKAYA, S.I.

Compensatory changes in the lymphoid organs of the peritoneal cavity in splenectomized rabbits and stimulation of this process with leucocytic serum. *Biul. eksp. biol. i med.* 60 no.11:110-114 (MSBA 19:11) N 105.

i. laboratoriya tsitologii (rav. - chlen-korrespondent AN SSSR G.K. Khrushchov [deceased]) Instituta morfologii zhivotnykh imeni A.N. Severtsova AN SSSR, Moskva. Submitted April 3, 1967.

DUBYANSKAYA, Yelena Andreyevna; SLUDSKAYA, L.A., redaktor; ROMANOVA, Z.A.,
tekhnicheskiy redaktor

[Manual for practical studies in botany; anatomy and morphology of
plants] Rukovodstvo k prakticheskim zaniatiyam po botanike; anatomii
i morfologii rastenii. Moskva, Gos. izd-vo med. lit-ry, 1956.
326 p. (MLRA 10:2)

(Botany--Anatomy)

DUBYANSKAYA, Yelena Andreyevna; RADTSIG, Nataliya Tikhonovna; SLUDSKAYA, L.A.
redaktor, GLUKHOYEKOVA, G.A., tekhnicheskiy redaktor.

[Botany; a brief course for schools of pharmacy] Botanika; kratkii
kurs dlia farmatsevticheskikh uchilishch. Isd.6-oe, perer. Moskva,
Gos.izd-vo med.lit-ry, 1956. 375 P. (MLRA 10:4)
(Botany)

SLUDSKAYA, L.A., kandidat biologicheskikh nauk dotsent.

Morphology and anatomy of cauliflower in ontogeny. Izv. TSKhA
no.2:107-118 '56. (MLRA 9:12)

(Ontogeny (Botany)) (Cauliflower)

SLUDSKAYA, L.A., dots.

Studies on the mycorhiza of citrus fruits. Dokl. TSKhA no. 28:322-
326 '57. (MIRA 1184)

(Mycorhiza) (Citrus fruits)

PHASE I BOOK EXPLOITATION

8

Sludskaya, Maria Ivanovna
Nemytskiy, Viktor Vladimirovich, Professor; Sludskaya, Maria Ivanovna;
and Cherkasov, Andrey Nikolayevich

Kurs matematicheskogo analiza, t. I (Course in Mathematical Analysis,
v. 1) 3d ed., enl. Moscow, Gostekhizdat, 1957. 486 p.
25,000 copies printed.

Gen. Ed.: Nemytskiy, Viktor Vladimirovich, Professor; Ed.:
Lapko, A. F.; Tech. Ed.: Gavrilov, S. S.

PURPOSE: The book is intended for university students, although the
content of the book exceeds the requirements of the teaching
program.

COVERAGE: The basic concepts of mathematical analysis, such as
sequence, limit of a sequence, function, limit of a function and
continuity of a function, are introduced, and the theory of

Card 1/8

Call Nr: QA 303. N43428

AUTHORS: Nemytskiy, V., Sludskaya, M., Cherkasov, A.
TITLE: A Course in Mathematical Analysis. Vol. II. (Kurs matematicheskogo analiza. Tom II)
PUB. DATA: Gosudarstvennoye izdatel'stvo tekhniko-teoreticheskoy literatury, Moscow, 1957, 498 pp., 25,000 copies.
ORIG. AGENCY: None
EDITOR: Editorial Supervision: Nemytskiy, V., Professor; Editor: Lanko, A.F.; Tech. Editor, Yermakova, Ye. A.
PURPOSE: The book was written as a textbook for the course of mathematical analysis at state universities and was approved as such by the Ministry of Higher Education of the USSR.
COVERAGE: The present volume covers the expression of functions by infinite sequences and series of functions, differential calculus of functions with many variables, and integral calculus of functions

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A Course in Mathematical Analysis. (Cont.)

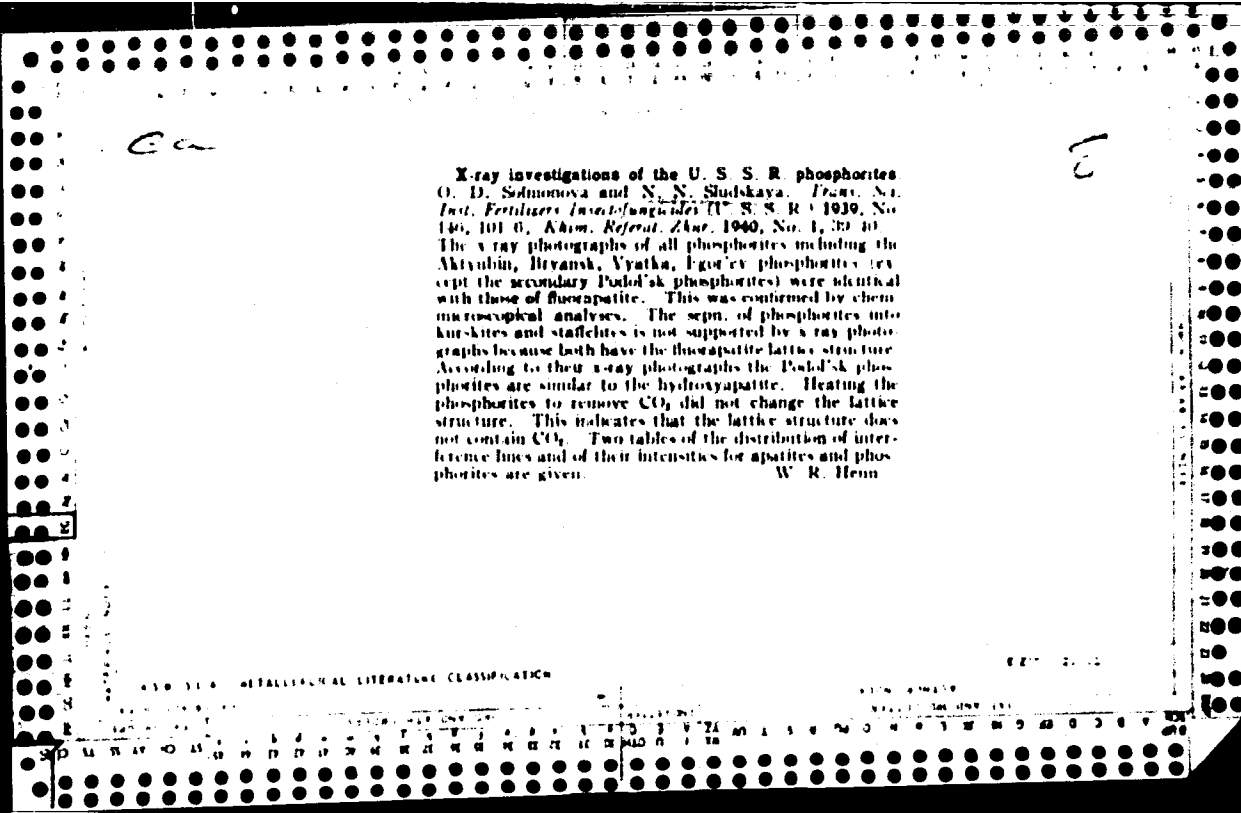
Call Nr: QA 303. N43428

with several variables. There are no personalities and no references.

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Card 2/32



Ca

E

X-ray investigations of the U. S. S. R. phosphorites
 O. D. Solonova and N. N. Sludskaya. *Dokl. Akad. Nauk SSSR, Ser. B, No. 190, 101-103, Akad. Nauk SSSR, 1940, No. 1, 39-40.*
 The x-ray photographs of all phosphorites including the Aktubinsk, Il'yansk, Vyatka, Egor'ev phosphorites (except the secondary Podolsk phosphorites) were identical with those of fluorapatite. This was confirmed by chemical and microscopic analyses. The separation of phosphorites into karunkites and stannites is not supported by x-ray photographs because both have the fluorapatite lattice structure. According to their x-ray photographs the Podolsk phosphorites are similar to the hydroxyapatite. Heating the phosphorites to remove CO₂ did not change the lattice structure. This indicates that the lattice structure does not contain CO₂. Two tables of the distribution of interference lines and of their intensities for apatites and phosphorites are given. W. R. Henn

430 314 METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

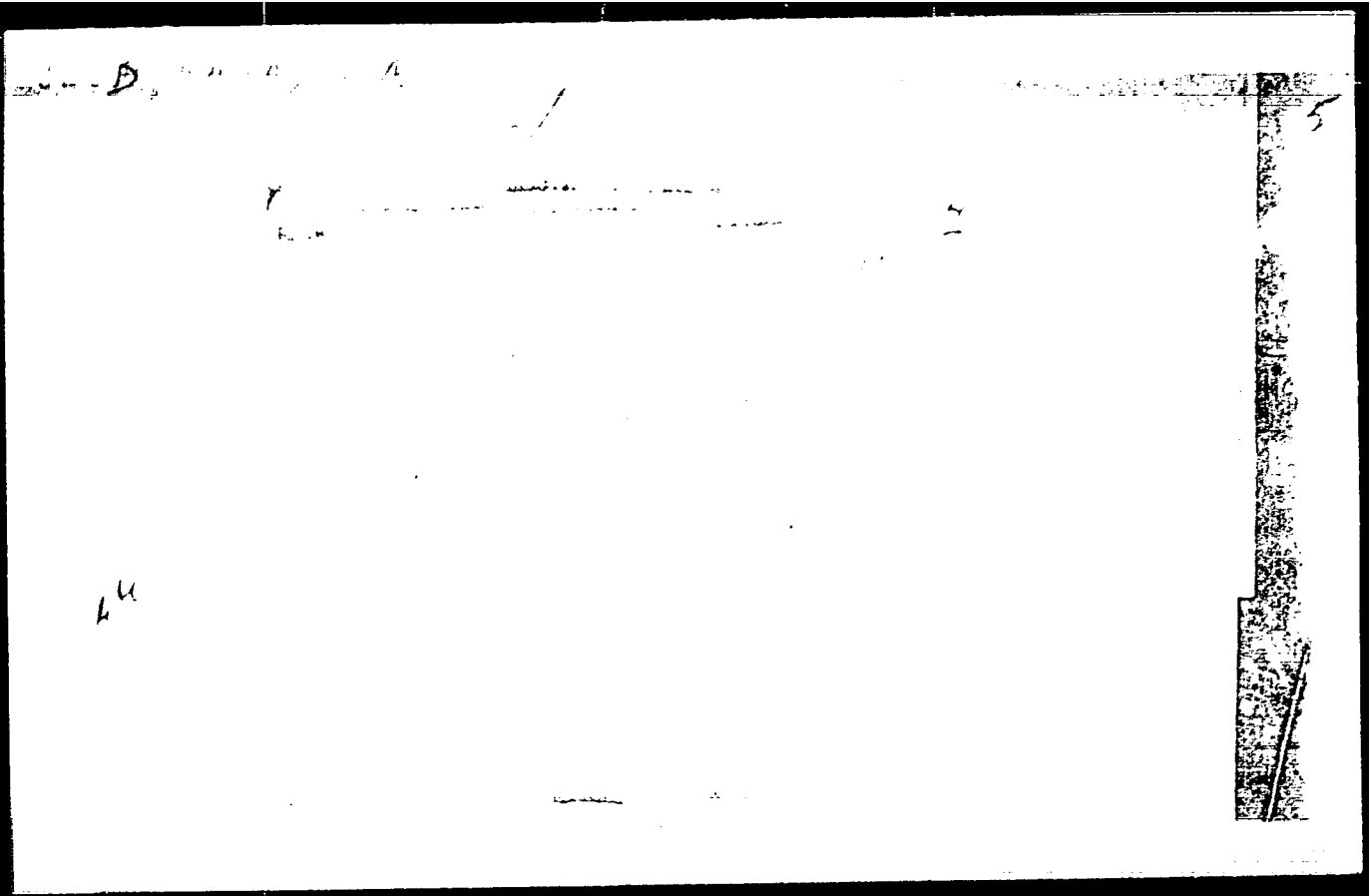
C. A.

6

Synthesis and investigation of artificial millerite G. S. Gritsachenko, N. N. Sludskaya, and N. Kh. Aslinyan. *Izv. Akad. Nauk U.S.S.R., Ser. Geol.* 2, 112-29 (1959).— The synthesis of mono- and di-sulfides of Ni from solns. of varying acidities was studied. From aq. solns. of NiSO₄, both with and without addn. of free acid, a ppt. identical with natural millerite is obtained. The sepn. of millerite was accompanied by formation of a film of NiS₂ at the liquid-gas boundary. Absence of β-millerite in samples of natural millerite showed that natural millerite does not form at temps. above 300°. From Fe-Ni solns., with and without addn. of acid, bravoite forms in addn. to millerite. Therefore, it is not true that Ni and Fe-Ni disulfides always form at higher temps. (about 300°). The normal order of sepn. from the solns. used in the expts. was: millerite → bravoite, and then concn. of the remaining Fe solns. should allow FeS₂ to sep. The disruption of this order is rarely observed, and then only at the boundary between solid phases.
Gladys S. Macy

GRITSAYENKO, G.S.; SLUDSKAYA, N.N.; AYDINYAN, N.Kh.

Synthesis of vaesite and polydymite. Zapiski Vsesoyuz. Mineralog.
Obshchestva 82, 42-52 '53. (MLRA 6:4)
(CA 47 no.17:8592 '53)



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Data on mammals and birds of Central Kazakhstan. Izv. AN Kazakh.
SSR. Ser. zool. no. 6:48-64 '47. (MLRA 9:6)
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SLUDSKIY, A.A.

Work results on acclimatization of commercial game animals in the
Kazakh S.S.R. during the thirty years of Soviet rule. Izv. AN Kazakh.
SSR. Ser. zool. no. 7:3-17 '48. (MLRA 9:5)
(Kazakhstan--Acclimatization)

SLUDSKIY, A.A.

Data on the ecology of the Kazakhstan pigeon hawk. Izv. AN Kazakh.
SSR. Ser. zool. no. 7: 128-129 '48. (MIRA 9:5)
(Kazakhstan--Hawks)

BLUDSKIY, A.A.

Problem of the economic utilization of elk in Kazakhstan. Izv.AN
Kazakh.SSR.Ser.zool. no.9:52-77 '50. (MLBA 9:5)
(Kazakhstan--Elk)

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Mass destructions of animals in the deserts of Kazakhstan and
their effect on the numbers of animals. Trudy Inst.zool.AN Kazakh.
SSR 2:3-30 2:3-30 '53. (MLRA 10:2)
(Kazakhstan--Ungulata) (Winter)

SLUDSKIY, A.A.

Birds of southeastern Kazakhstan. Trudy Inst. zool. AN Kazakh. SSR
2:173-180 '53. (MLA 10:2)

(Kazakhstan--Birds)

SLUDSKIY, A.A.

Settlements of wild animals of the taiga in the forest steppe and the
steppe of Western Siberia and Kazakhatan. Biol.MOIP Otd.biol. 58 no.2:
14-22 '53. (MLA 6:6)
(Siberia, Western--Zoogeography) (Kazakhstan--Zoogeography)

SLUDSKIY, A.A.

Tiger in the U.S.S.R. Izv. AN Kaz. SSR no.125:18-43 '53.

(MLRA 6:12)

(Tigers)

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KARTASHEV, N.N. —

"Animals of Kazakhstan." A.V.Afanas'ev, V.S.Bazhanov, M.N.Korelov,
A.A.Sludskii. Reviewed by N.N.Kartashev. Zool.zhurn. 33 no.1:237-240
Ja-F '54. (MLRA 7:2)
(Afanas'ev, A.V.) (Kazakhstan--Zoology)
(Zoology--Kazakhstan)

SLUDSKIY, A.A.; STRAUTMAN, Ye.I.

~~Commercially hunted animals of Kazakhstan and tasks in the field of
their economic utilisation, Trudy Inst.zool,AN Kazakh.SSR. 4:3-17
'55. (MIRA 10:1)~~

(Kazakhstan--Zoology, Economic)

SLUDSKIY, A.A.

Saiga in Kazakhstan. Trudy Inst.zool.AN Kazakh.SSR 4:18-55 '55.

(MIRA 10:1)

(Kazakhstan--Saiga)

USSR/General Division. Nature Conservation.

A-5

Abs Jour : Ref Zhur-Biologiya, No 20, 1957, 85094

Abstract : recently; it is not known whether the "kulan" (*Equus asinus hemionus* Pall -- a wild donkey), the yellow lemming, the "sterkh" crane (*Grus leucogeranus*) still exist. Thirteen species of mammals are on the verge of disappearing: the muskrat, the Polish marmot and the Menzbir marmot, the snow-leopard, the hunting-leopard, etc. There is a great drop in the number of flamingos, of swans, of pelicans, of bustards (*Otis tetrax*), etc., and among the reptiles, of grey monitors. A numerical survey of species of mammals and birds utilized by trade in the past and of the trade volume at different times is given, as well as a glimpse at the adversities of

Card 2/5

USSR/General Division. Nature Conservation.

A-5

Abs Jour : Ref Zhur-Biologiya, No 20, 1957, 85094

Abstract : the "arkhar" (the native wild mountain sheep). Wide migrations of these wild sheep and cases of their appearance in regions from where they disappeared in the XIXth century were observed in the fall of 1951 and in the following winter. These migrations were due to food shortage after a very dry summer. In 1955 the Presidium of the Academy of Sciences, KazSSR, founded a commission for Nature Conservation. A few years ago, in Kazakhstan, there were five reservations, the total area of which was 792 thousand hectares (0.3% of the territory of the Republic); nowadays, there are two reservations (98 thousand hectares - or 0.03% of the whole territory). It is

Card 4/5

SLUDSKIY, A.A.

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SSR 6:78-108 '56. (MIRA 10:4)
(Kazakhstan--Gazelles)

DOLGUSHIN, I.A.; SLUDSKIY A.A.

From the results of ornithological research in central
Kazakhstan. Trudy Probl. i tem. sov. no.9:67-72 '60.
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1. Institut zoologii Akademii nauk Kazakhskoy SSR.
(Kazakhstan--Birds)

SLUDSKIY, A.A.

Distribution and biology of the white crane (*Grus leucogeranus*
Fall.) *Ornitologiya* no.2:159-162 '59. (MIRA 14:7)
(Cranes (Birds))

ISMAGILOV, Musa Isayevich; SLUDSKIY, A.A., kand. biolog. nauk, otv. red.;
BRAILOVSKAYA, M.Ya., red.; ROROKINA, Z.P., tekhn. red.

[Ecology of rodents associated with the landscapes of Bet-Pak-Dala
and the southern part of the Lake Balkhash region] Ekologiya land-
shaftnykh gryzunov Betpat-Daly i Iuzhnogo Pribalkhash'ia. Alma-Ata,
Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 365 p. (MIRA 14:7)
(Bet-Pak-Dala--Rodentia)
(Balkhash Lake Region--Rodentia)

SIMONOV, A. A.

Dissertation defended at the Zoological Institute for the academic
degree of Doctor of Biological Sciences: 1962

"Mammals of Kazakhstan as Natural Animal Resources and the Enrichment
of Their Fauna."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

SLUDSEIY, A.A.

Interrelations between predatory animals and their prey; exemplified
by antelopes and other animals and their enemies. Trudy Inst. zool.
AN Kazakh. SSR 17:24-243 '62. (MIRA 17:2)

SLUDSKIY, A.A.; STRAUTMAN, Ye.I.; AFANAS'YEV, Yu.G.

Fur resources of Kazakhstan and possibilities for the development of
commercial hunting in the Republic. Trudy Inst. zool. AN Kazakh. SSR
17:5-23 '62. (MIRA 17:2)

SLUDSKIY, A.A.

Mass starvation of animals in Eurasian steppes and deserts. Trudy Inst.
zool. AN Kazakh SSR 20:5-83 '63. (MIRA 17:2)

SHENKIN, A.A.; APANASHEV, YU.G.

Results of and prospects for the acclimatization of pure animals
in Kazakhstan. Trudy Inst. zool. AN Kazakh. SSR. 23:5-74 '64.

(MIRA 17:11)

SLUDSKIY, A.A.

Sands of semiarid zones of Eurasia as minor ranges for the survival
of xerophilous animals and as foci of their species formation. Trudy
Inst. zool. AN Kazakh. SSR. 23:208-215 '64.

(MIRA 17:11)

SLUDSKIY, A.A.

Mutual help among predatory animals of different species during
hunting (adjuvancy). Zool. zhur. 43 no.8:1203-1210 '64. (MIRA 17:11)

1. Institut zoologii AN Kazakhskoy SSR, Alma-/ta.

SLUDSKIY, A.A., otv. red.; STRAUFMAN, Ye.I., red.; OSTROVERKHOV, A.I., red.

[Muskrat and coyote farming in Kazakhstan and Central Asia; materials] Ondatrovodstvo i nutrievodstvo v Kazakhatane i Srednei Azii; materialy. Alma-Ata, "Nauka" Kazakhskoi SSK, 1965. 189 p. (MIRA 19:1)

1. Nauchno-proizvodstvennaya konferentsiya po ondatrovodstvu i nutrievodstvu Kazakhatana i respublik Sredney Azii, Alma-Ata, 1964.

SLUDSKIY, A.F. [deceased]

"New data on reef characteristics of Crimean mountain pastures."
Biol.MOIP. Otd.geol. 29 no.5:71-75 S-O '54. (MIRA 8:1)
(Crimea--Geology) (Karlov, N.N.)

SLUDSKIY, V N

USSR/Electronics - Vacuum Technique, H-9

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35227

Author: Gvozdover, S. D., Sludskiy, V. N.

Institution: None

Title: On the Occurrence of Oscillations of the Relaxation Type in
Electron Guns

Original
Periodical: Vestn. Mosk. un-ta., 1956, No 2, 37..hh

Abstract: An attempt was made to explain the causes of occurrence of self-excited current oscillations in the space between the grids in an electron gun. Theoretical calculations are given for the potential distribution, in which it is assumed that the problem is a one-dimensional one and that the potentials of both grids are the same. It is shown that for a certain value of the current a virtual cathode occurs in the inter-grid space. Since the latter vanishes at another smaller value of the current, current oscillations of the relaxation type become possible. The authors propose that the vanishing of the

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AUTHORS: Karasev, M. D., Kovalenko, A. A., Sludskiy, V. N.

TITLE: A New Lecture-demonstration of the Propagation of Electro-
magnetic Waves Along a Line

PERIODICAL: Vestnik Moskovskogo universiteta. Seriya 3, fizika,
astronomiya, 1960, No. 1, pp. 66 - 69

TEXT: The system described in the present paper is shown in Fig. 1. It consists of a high-frequency generator, whose energy is fed into a cop- per wire by means of a coaxial cable and a tuned cone. The energy pro- pagates in the conductor as a symmetric surface wave with a field struc- ture that is equal to that in the coaxial cable, and is shown in Fig. 2. The H_y -component of the magnetic field is determined by means of a frame antenna with a detector and a galvanometer. The following may be demon- strated by means of this device: The equivalence of the displacement currents and the conduction current, the field structure can be better demonstrated than by means of a Lecher system, and the scattering of

Card 1/2

1954, 3.

"Mental Hygiene and the Tuberculous Patient." . 16. (Born Public Health Review, Vol. 1,
No. 3, July/Aug. 1954. (1954))

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954
Uncl.

CZECHOSLOVAKIA

CICVAREK, Z., MUDr.; BLUGEROVA, E.

Central Biochemical Laboratory (Centrálne Biochemické
Laboratorium), OUNZ, Trenčín (for both; Cicvarek-
Director).

Bratislava, Lekársky obzor, No 7, July 1965, pp 393-400.

"A contribution to the problem of standardization of
determination hemoglobin in the blood."

SLUGIN, S. N.

"Application of S. A. Chaplygin's Method of Approximate Solution of Operator Equations." Cand Phys-Math Sci, Kazan State U imeni V. I. Ul'yanov-Lenin, Min Higher Education USSR, Kazan', 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

Slugin, S. N.

608

Slugin, S. N. Approximate solution of operator equations on the basis of S. A. Caplygin's method. Dokl. Akad. Nauk SSSR (N.S.) 101 (1955), 565-568, 745. (Russian)

$T = F/W$

The methods of S. A. Caplygin for the approximation of solutions to differential and difference differential equations can be extended to the solution of operator equations on partially ordered linear spaces. The solutions are approximated by means of upper and lower successive approximations which converge monotonically. Such an extension was made by A. N. Baluy. Dokl. Akad. Nauk SSSR 133 (1959), 757-764. MR 14, 135. (The author states that the method is applicable to approximating solutions to operator equations.)

from Baluev's theory. This paper contains the statement of two theorems, the first of which contains numerous conditions and is lengthy to state. The second theorem is a special case of the first, is somewhat simpler to state, and illustrates the general type of result under discussion.

Let P be an operator defined on an interval $[x_0, \bar{x}_0]$ of a partially ordered linear space. Let Γ be an additive operator having a positive inverse Γ^{-1} and such that for all $\Delta x > 0$, $\Gamma(\Delta x) \geq P(x + \Delta x) - P(x)$. If the operator $\Gamma^{-1}P$ is monotonic and continuous and $P(x_0) \leq 0 \leq P(\bar{x}_0)$, then the least and greatest solutions in $[x_0, \bar{x}_0]$, denoted by \underline{x} and \bar{x} , respectively, of the equation $P(x) = 0$ can be obtained by the iterative procedure

$$\bar{x}_{n+1} = \bar{x}_n - \Gamma^{-1}P(\bar{x}_n), \quad \underline{x}_{n+1} = \underline{x}_n - \Gamma^{-1}P(\underline{x}_n),$$

and

$$\bar{x}_n \searrow \bar{x}, \quad \underline{x}_n \nearrow \underline{x}, \quad \text{as } n \rightarrow \infty.$$

Sufficient conditions are given for the uniqueness of the solutions. It is shown that Caplygin's algorithm and two of Baluev's theorems can be deduced from these theorems.

J. P. LaSalle (Notre Dame, Ind.)

1/

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SLUGIN, S. N.

F.W

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Slugin, S. N. Application of a Poylygin type method of approximate solution of operator equations. Dokl. Akad. Nauk SSSR, Vol. 110, No. 1, 1976, pp. 110-112. (Rus.)

1/3

The note illustrates the application of a general theorem (same Dokl. N.S. 103, 755, 665 to 68, MIR 17, 1987). Four examples are given.

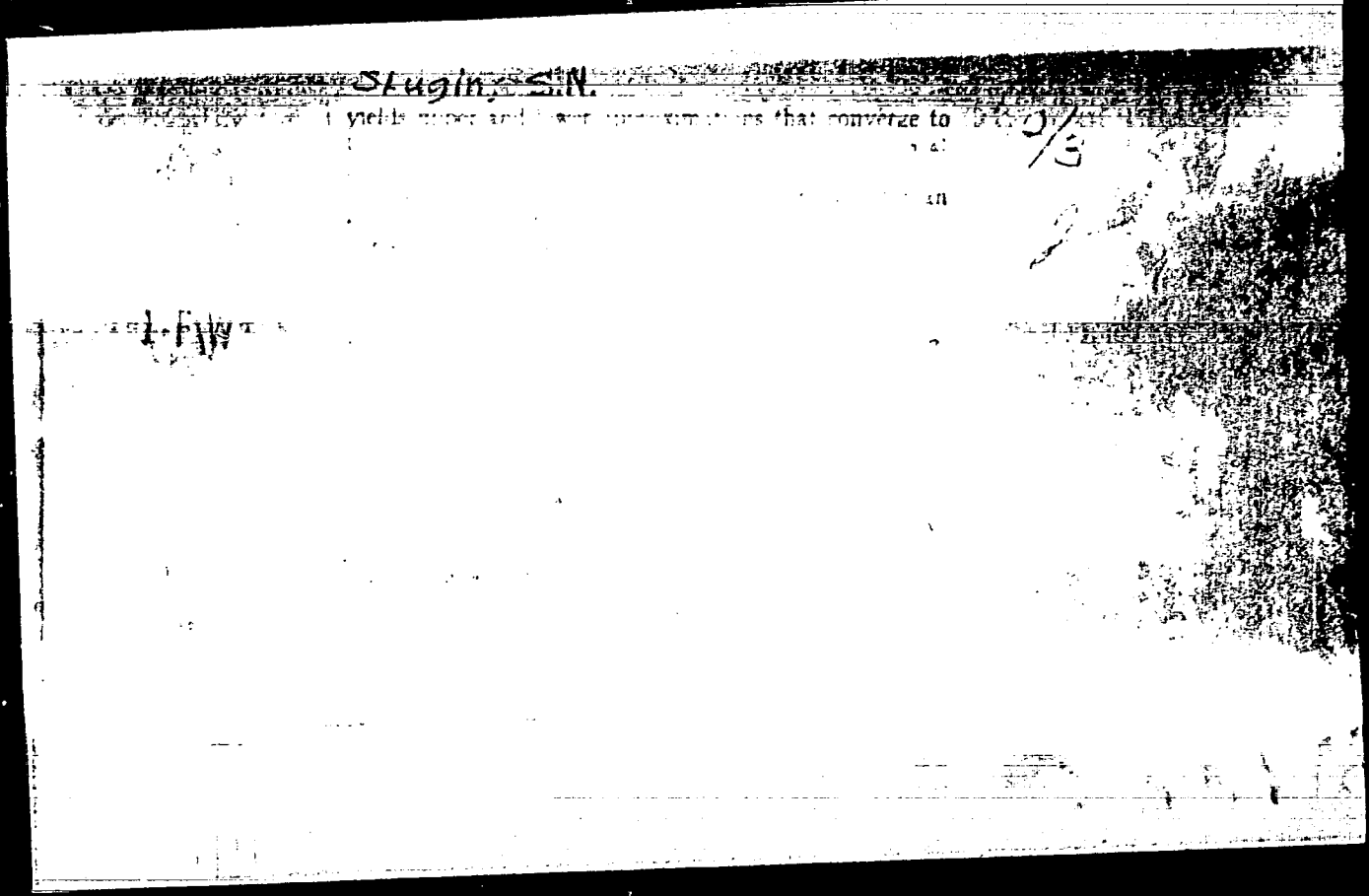
2

Example 1. Consider the differential equation

(1) $y' - f(t, y) = C, y(t_0) = z$

If y_0 and y_1 are functions satisfying, for $t \geq t_0$, $y_0(t) \leq y_1(t)$, $y_0' - f(t, y_0) \leq 0 \leq y_1' - f(t, y_1)$, and $y_0(t_0) = y_1(t_0) = z$, if $f(t, y)$ is continuous in t and if $C > \partial f / \partial y \geq -A$ ($C > 0$) for all functions $y(t)$ ($y_0 \leq y \leq y_1$); then the iterative procedure

$$y_{n+1} = ze^{A(t-t_0)} + \int_{t_0}^t [Ay_n(\tau) + f(\tau, y_n(\tau))]e^{A(t-\tau)}d\tau$$



$C(x), D(x), S(x)$

where the f_2 are real valued functions of a real variable

2
3/3

f_1 is the cofactor of a_2 . Here the iterative procedure that yields upper and lower approximations converging to a solution of (3) is

end

SUBJECT USSR/MATHEMATICS/Differential equations CARD 1/1 PG - 644
 AUTHOR SLUGIN S.M.
 TITLE The unlimited application of a method of Čaplygin's type for
 ordinary differential equations of n-th order.
 PERIODICAL Doklady Akad.Nauk 110, 936-939 (1956)
 reviewed 3/1957

If for $m \geq 1$ for the approximative solution of the equation

$$y^{(m)} - f(t, y, y', \dots, y^{(m-1)}) = 0, \quad y^{(k)}(t_0) = \alpha_k \quad (k=0, 1, \dots, m-1)$$

methods of Čaplygin's type are applied, then either it must be assumed that all $\frac{\partial f}{\partial y^{(k)}}$ have a fixed sign or the methods must be restricted to certain lengths of the interval $[t_0, t_1]$. The author proposes a new method, where the length of the interval can be arbitrary and only the boundedness of the $\frac{\partial f}{\partial y^{(k)}}$ is assumed. The choice of the first approximation, however, is very difficult. The algorithm bases on the functional analysis.

INSTITUTION: Public Educational Institute, Komsomol'sk na Amure.

3 June 1957

PA - 2367

AUTHOR: SLUGIN, S.N.

TITLE: Iteration Method of the Unilateral Approximations of the Solutions of Operator Equations. (Iteratsionalnyy metod odnostoronnikh priblizheniy pesheniya operativnykh uravneniy, Russian).

PERIODICAL: Izvestia Akad. Nauk SSSR, Ser. Mat., 1957, Vol 21, Nr 1, pp 117 - 124 (U.S.S.R.)
Received: 4 / 1957

Reviewed: 5 / 1957

ABSTRACT: This paper deals with a generalized scheme of the formation of approximations in the sense of S.A. Tschaplygin - upper and lower approximations of the solution of an operator equation. Approximations alternate: if the previous approximation happens to have been the lower, the next is the upper and vice versa. The scheme was made concrete by some types of equations.

It is said that, if S.A. Tschaplygin's method is to be used, and also in the case of several varieties of this method, it is necessary to apply either a sign constancy to the corresponding generatrix in the linear part of the equation concerned, or to refer to the part of the modification of arguments which is limited by certain conditions. It is also recommended to apply the algorithms of the approximated solution of operator equations, the applicability of which is unlimited, and which (as also in

Card 1/2

Slugin, S. N. (Komsomol'sk-na-Amure) 39-1-1/8
 AUTHOR: Slugin, S. N. (Komsomol'sk-na-Amure)
 TITLE: Approximative Solution of Implicitly Given Integral Equations
 (Priblizhennoye resheniye integral'nykh uravneniy, zadannykh v
 neyavnom vide).
 PERIODICAL: Matematicheskiy Sbornik, 1957, Vol. 43, Nr 1, pp. 3-8 (USSR)
 ABSTRACT: For the integral equation

$$(1) \quad F(x, y(x), Y) = 0$$

where it is $Y = \int_a^x K(x, s, y(s)) ds$ and \mathcal{L} either $=b$ or $=x$,

a successive method of Chaplygin type is given.

The continuous functions $u_0(x)$ and $v_0(x)$ are assumed to

satisfy on $[a, b]$ the inequalities $u_0(x) \leq v_0(x)$ and

$F[u_0] \leq 0 \leq F[v_0]$, where $F[y]$ denotes the left side of (1).

For all continuous functions $y(x)$, $u_0(x) \leq y(x) \leq v_0(x)$ let

F and K be continuous functions of their arguments and let

$$\frac{\partial F}{\partial y} \leq 1, \quad \frac{\partial F}{\partial Y} \leq \Delta \leq 0, \quad \frac{\partial K}{\partial y} \geq N \geq 0.$$

Card 1/2

AUTHOR: Slugin, S.N. SOV/140-58-6-24/27

TITLE: Some Applications of Two-Sided Approximation Methods (Nekotoryye primeneniya metodov dvustoronnikh priblizheniy)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 6, pp 244-256 (USSR)

ABSTRACT: The present paper contains a further development of the methods for the approximate solution of operator equations elaborated by the author in earlier papers [Ref 1,2,3]. The first and the second paragraph of the paper contain only certain improvements of the results obtained in [Ref 1,2,3]. § 3 contains applications to the Cauchy problem $y'' - f(t, y, y') = 0$, $\alpha y(a) + \beta y'(a) = A$, $\gamma y(b) + \delta y'(b) = 0$. § 4 considers the solution of an integro-differential equation with ordinary derivatives. § 5 treats systems of differential equations with a retarding argument. In § 6 the author uses the method for the solution of systems of implicit functions proposed by the author in [Ref 9]. There are 9 Soviet references.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina (Kazan' State University imeni V.I.Ul'yanov-Lenin)

Card 1/2

AUTHOR: Slugin, S.N. SOV/20-120-2-8/63
TITLE: A Modification of the Abstract Analogue of the Method of Chaplygin
(Vidoizmeneniye abstraktnogo analoga metoda Chaplygina)
PERIODICAL: Doklady Akademii nauk, SSSR, 1958, Vol 120, Nr 2, pp 256-258 (USSR)
ABSTRACT: Baluyev [Ref 1] and the author [Ref 2] proposed approximate methods for the solution of the operator equations in semi-ordered spaces. These methods based on the method of Chaplygin for the solution of differential equations and, in the present paper, they are denoted as the "abstract analogues". The paper contains proposals for the simplification of the very extensive algorithms of [Ref 1] and [Ref 2]. Some examples for the application to ordinary differential equations are given. There are 6 Soviet references.
ASSOCIATION: Komsomol'skiy na-Amure gosudarstvennyy pedagogicheskiy institut (State Pedagogical Institute in Komsomol'sk on the Amur)
PRESENTED: January 13, 1958, by S.L.Sobolev, Academician
SUBMITTED: April 1, 1957

1. Operators(Mathematics)--Applications
2. Differential equations

Card 1/1

SOV/20-120-3-8/67

AUTHOR: Slugin, S.N.
TITLE: On the Theory of the Methods of Newton and Chaplygin (K teorii metodov N'yutona i Chaplygina)
PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 120, Nr 3, pp 472-474 (USSR)
ABSTRACT: The author considers the solution of the equation $P(x) = 0$ with the aid of the methods of Newton and Chaplygin. Several well-known variants of these methods (Kantorovich [Ref 1], Azbelov [Ref 5] etc) are modified and partially simplified, partially generalized. The inequalities of Chaplygin are replaced by operator inequalities. The author gives an algorithm of the type of Chaplygin (construction of minoring and majoring sequences, converging to the sought solution). Altogether six theorems are formulated. There are 8 Soviet references..
ASSOCIATION: Kazanskiy gosudarstvennyy universitet (Kazan State University)
PRESENTED: January 14, 1958, by S.L. Sobolev, Academician
SUBMITTED: January 13, 1958

1. Mathematics--Theory

Card 1/1

16(1)

SOV/20-127-1-8/65

AUTHOR: Slugin, S.K.

TITLE: A Two-Sided Estimate of the Solution of a Linear Functional Equation

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 1, pp 34-36 (USSR)

ABSTRACT: Let X be a K - space (see [Ref 2]), X' its linear semi-ordered subspace. Let $a, b \in X'$ exist to every $x \in X$, so that $a \leq x \leq b$ in X . Let \bar{X} be a K - space isomorphic to the K - space X' . Let K, H', H'' be regular operators of the class H_0^0 ; H is assumed to transfer X into itself; H', H'' transfer X into X' and let $0 \leq H'x \leq H^+x$, $0 \leq H''x \leq H^-x$ ($x > 0$, $x \in Y$), whereby $Y = X$ or $Y = X'$. Let Γ', Γ'' be the restrictions of the operators H', H'' on \bar{X}' : $\Gamma'x' = H'x'$, $\Gamma''x' = H''x'$. Let $A = \Gamma' + \Gamma''$, $B = \Gamma' - \Gamma''$.

Theorem: A is to be chosen so that $(I - \bar{A})^{-1} > 0$ and the elements \underline{x} and \bar{x} are to be defined by

$$(I - \bar{A})(\bar{x} - \underline{x}) = \bar{y} - \underline{y} + z, \quad (I - \bar{B})(\bar{x} + \underline{x}) = \bar{y} + \underline{y},$$

Card 1/3

A Two-Sided Estimate of the Solution of a Linear Functional Equation

SOV/20-127-1-8/65

where $\bar{y}, y, z \in \bar{X}$ and $\varphi y < y \leq \varphi \bar{y}$, $\varphi z \geq 2(|H| + \alpha A)x_1$ is in X ; here $x_1 \in X'$ is the estimation of the solution x' of the equation $x - Hx = y$ with respect to the absolute value: $x_1 \geq |x'|$, $\alpha = 1$ for $Y = X'$, $\alpha = -1$ for $Y = X$. Then it is $\varphi x \leq x' \leq \varphi \bar{x}$ in X .

A further theorem deals with the special case of the equation $Hx = y$, where $H^{-1} > 0$.

As an example the author gives the solution of $x(s) - \lambda S H(s, t)x(t) = y(s)$, where $\lambda > 0$ and S either

$\sum_{t=1}^m$ or $\sum_{t=1}^{\infty}$ or $\int_0^1 \cdot dt$ or $\int_0^{\infty} \cdot dt$.

There are 4 Soviet references.