

22292

Work with the thermonuclear...

8/053/61/073/004/005/007
B125/B201

the vacuum conditions. I. G. Goncharov and Yu. N. Dnestrovskiy have devised a method of measuring very low electron densities in the "Ogra". V. T. Karpukhin has developed and built an interferometer operating on the 3-cm wavelength and serving for the measurement of the highest electron densities. There are always two plasma components in the chamber, a "hot" one and a cold one, the density of the cold component being considerably higher than that of the "hot" one if the pressures of remanent gases exceed 10^{-7} mm Hg. At pressures below 10^{-7} mm Hg, the densities of the two components become equal. The cold component has a considerably longer life than the hot one. The apparatus constructed by A. N. Karkhov permits receiving the magnetic radiation of ions in the whole spectrum. Yu. L. Sokolov has worked out special spectrometers for measuring the energy of plasma electrons from ultraviolet recombination radiation and from bremsstrahlung in the range of 1000 - 1 A. Part 5. Conclusions: From experiments with the "Ogra": in the case of weak amperages in the trap (10-20 milliamperes) the ion motion fits well the theory of motion of single particles, and the mean free path of molecular ions is longer than one kilometer. By a proper choice of the form of the magnetic field

Card 4/6

Work with the thermonuclear...

22292
S/053/61/073/004/005/007
B125/E201

it is possible to augment the mean free path even further, and to accumulate a plasma to proton densities of 10^7 cm^{-3} . Currents of 300 to 400 milliamperes can be reached. If necessary, it is possible, by improving the vacuum conditions, to reduce the current required for a very dense plasma to some dozen milliamperes if the energy of H_2^+ ions is raised to 250-260 kev. Thus, the problem of accumulation of hot plasma with a density of 10^9 fast ions per cm^3 and even more is by no means solved as yet. Research work has so far only reached the limits of those plasma densities, below which the ions move as non-interacting particles, and above which the hydrodynamic properties of plasma and the collective interactions of particles make themselves noticeable. The processes taking place in the "Ogra" have not been completely clarified by experiments. For example, it has not yet been explained why the plasma potential in some variants of the experiments attains dozens of kilovolts. Various possible explanations are offered. There are 12 figures and 15 references: 5 Soviet-bloc and 10 non-Soviet-bloc. The two most recent references to English-language publications read as follows:
G. F. Bogdanov, D. A. Panov, N. N. Shemasko, Life time of fast ions in

Card 5/6

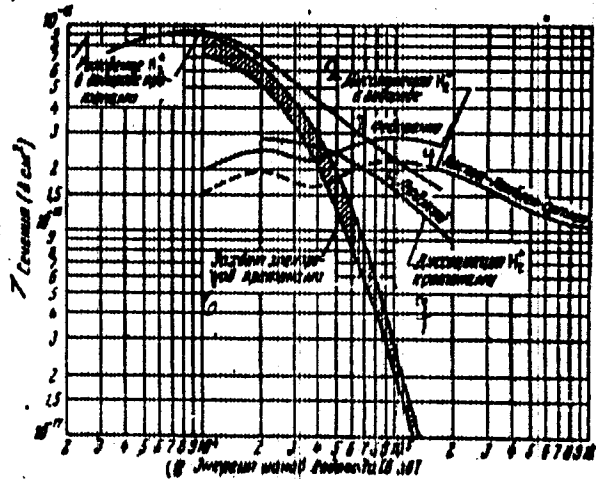
22292

Work with the thermonuclear...

S/053/61/073/004/005/007
B125/2201

Ogra, J. Nucl. Energy, part C, III, 106 (1961); R. F. Post, R. E. Ellis, E. C. Fird, and M. N. Rosenbluth, Stable Confinement of a high temperature plasma, Phys. Rev. Lett. 4, 166 (1960).

Legend to Fig. 1: The most important cross sections determining the process of plasma accumulation in the "Ogra": 1, cross sections (cm^2); 2, production of H_2^+ in hydrogen by protons, dissociation of H_2^+ in hydrogen; 3, Fedorenko; 4, Postma-Hamblen-Suitman; 5, Gerjoy; 6, capture of electrons by protons; 7, dissociation of H_2^+ by protons; 8, energy of hydrogen ions (ev).



Card 6/6

goryachey termoy' dennyoy planoy metodom inzhentseiy byadrykh dzhest'bo y magistruya
lovushku, 1-115

AUTHOR: Artemenkova, L.V.

109-12-15/15

TITLE: A Conference on Electron and Photo-electron Multipliers
(Konferentsiya po elektronnym i fotoelektronnym umnozhit-
elyam)

PERIODICAL: Radiotekhnika i Elektronika, 1957, Vol.II, No.12,
pp. 1552 - 1557 (USSR)

ABSTRACT: A conference took place in Moscow during February 28 and
March 6, 1957 and was attended by scientists and engineers
from Moscow, Leningrad, Kiev and other centres of the Soviet
Union. Altogether, 28 papers were read and discussed. The
papers were as follows:

- 1) B.M. Stepanov - "Some Problems of the Theory and Design of
Electron Multipliers".
- 2) Ye.V. Yeliseyev, I.S. Ipatkin, A.A. Kalnykov, K.V. Mikerov
and B.M. Stepanov gave some experimental data on electron
multipliers operating at large currents and voltages.
- 3) P.V. Timofeyev and Ye.G. Kormakova - "Electron Multipliers
of VET (All-Union Electro-technical Institute)".
- 4) G.S. Vil'dgrube delivered a lecture on new types of
electron multipliers employing alloy emitters.
- 5) N.S. Khlebnikov - "New Types of Photo-electron Multipliers".

Card 1/4

A Conference on Electron and Photo-electron Multipliers 109-12-15/15

- 6) A.G. Berkovskiy et alii communicated some results on the new types of industrial photo-electron multipliers.
- 7) L.I. Andreyeva et alii - "Electron Optics of Certain Special Electron Multipliers and its Characteristics".
- 8) L.V. Artemenkova et alii reported some results on the study of the dispersion of electrons in electron multipliers and its effect on their resolving power.
- 9) L.B. Artemenkova and B.M. Stepanov - "Resolving Power of Electron Multipliers and its Experimental Determination"
- 10) A.G. Berkovskiy and L.G. Leyteyzen gave some results on the photo-electron multipliers suitable for the discrimination of short-time intervals.
- 11) G.A. Vasil'yev reported on an investigation of the transient characteristics of photo-multipliers by means of a micro-oscillograph.
- 12) A.I. Veretennikov considered the problem of the measurement of the transient characteristics of photo-multipliers.
- 13) E.Ye. Berlovich gave some data on the transient characteristics of the photo-multipliers, type QY-19.
- 14) A.I. Belonosov determined the current time lag in the photo-multipliers, type QY-19 and QY-25.

Card 2/4

109-12-15/15

A Conference on Electron and Photo-electron Multipliers

- 15) Yu.A. Nemilov et alii also studied similar problems.
- 16) A.A. Osherovich investigated the basic parameters of the photo-multipliers, type $\text{C}\beta\text{Y}$.
- 17) A.Ye. Chidakov proposed a simple method for the measurement of the amplitude resolution of the multipliers.
- 18) A.Ye. Melamid - "Parameters of Photo-electron Multipliers and the Methods and the Equipment for their Measurement".
- 19) B.M. Stepanov gave some data on the characteristics of a multi-channel electron multiplier operating at high currents.
- 20) B.M. Glukhovskiy and Ye.I. Tarasov - "The Activation Technology of Alloy Emitters with Various Photo-cathodes".
- 21) A.N. Pisarevskiy studied the problem of the application of the Soviet-made photo-multipliers to scintillation spectroscopy.
- 22) I.F. Barchuk reported on the application of a spectrometric photo-multiplier to a scintillation γ -spectrometer.
- 23) A.I. Akishin lectured on the special electron multipliers which could be employed for the counting of ions.
- 24) Ye.L. Stolyarova reported on the experiments with a spectrometric photo-multiplier with an NaJ(Te) crystal.
- 25) A.A. Samokhvalov and I.G. Fakidov communicated some data

Card 3/4

109-12-15/15

A Conference on Electron and Photo-electron Multipliers

on a simple scintillation counter, its characteristics and its application in γ -type flaw detection.

26) O.D. Kovrygin and G.D. Latyshev reported on the application of the photo-electron-multiplier, type Φ Y-12, to the scintillation spectrometry and γ -type flaw detection.

27) N.G. Kokina gave some data on the application of electron multipliers to the monitoring of ultra-violet radiation.

28) N.K. Pereyaslova investigated the spectroscopic characteristics of the Soviet-made multipliers.

Very short summaries of the above papers are given.

SUBMITTED: July 3, 1957

AVAILABLE: Library of Congress

Card 4/4

ARTEMENKOVA, L.V.; BATALINA, M.A.; STEPANOV, B.M.

Dispersion of the transit time of electrons as a factor affecting
the time resolution of an electronic amplifier. *Nek. vop. eksp. fiz.*
no.1:27-36 '59. (MIRA 13:2)
(Electrons) (Photoelectric multipliers)

L 1839-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AT5022285

UR/3157/64/000/109/0035/0042

AUTHOR: Artemenkova, L. V.

TITLE: Radiometry of iodine 27

SOURCE: USSR. Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii. Doklady, no. 109, 1964. Radiometriya yoda, 35-42

TOPIC TAGS: iodine, radioisotope, radiometry

ABSTRACT: The survey reviews the various reported methods of checking the content of radioactive iodine isotopes (present as an aerosol or vapor) in the air in the vicinity of nuclear reactors, in plants processing nuclear fuel, and in laboratories producing radioactive isotopes. Liquid and solid adsorbents and chemisorbents used for trapping the vapor and filters used for trapping the aerosol and vapor are briefly described. To identify iodine isotopes against a background of other fragment products under laboratory conditions, use may be made of decay curves, beta-particle absorption curves, and gamma spectra. Radiochemical separation of iodine (from the solution or filter) may precede the radiometry and spectrometry. Laboratory instruments for recording iodine-131 are reviewed. Orig. art. has: 3 figures.
Card 1/2

L 1839-66

ACCESSION NR: AT5022285

ASSOCIATION: none

SUBMITTED: 17Sep64

NO REF SOV: 005

ENCL: 00

SUB CODE: IC, HF

OTHER: 016

Card 2/2 *day*

ARTEMY, Y. Y., BUTKO, S. V., DNOZHZHIN, V. M., ROMANOVA, Ye. N., STARIK, I. Ye.,
RUDENKO, S. I. (USSR)

"Liquid Scintillators for Radiocarbon Dating in Archaeology."

report presented at the Conference on Radioisotopes in Metallurgy and Solid State
Physics, ~~X~~ IAEA, Copenhagen, 6-17 Sept. 1960.

4007-12
ARSHNICHEN, M. [A.]

(Military veterinarian, 2nd grade) Gas-fumigation of the neck and head of a horse.

SO: Veterinariya Vol 20: No. 2: February 1943 Unclassified (Tabcon)

ARTEMICHEV, M. A.

Cand. Veterin Sci.

Dissertation: "Enterohepatitis of Turkeys."

9 Apr. 49

All-Union Inst. of Experimental Veterinary Medicine

SO Vecheryaya Moskva
Sum 71

1. ARTEMICHYV, M. A.
2. SSR (600)
4. Vaccination
7. New needle for vaccination with fowl virus.
Ptitsevodstvo No. 2, 1952

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

1. ARTSUCHEV, M. A.
2. USSR (600)
4. Chicken Pox in Poultry;
7. Scorehead in chickens, Ptitsevodstvo, No. 11, 1952.

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

USSR/Medicine - Veterinary

FD-1277

Card 1/1 : Pub. 137-14/17

Author : ~~Artemichev, M. A.~~, Candidate of Veterinary Sciences and Nikolayev,
A. A., Zootechnician

Title : Veterinary sanitary requirements for construction of poultry mills
and poultry farms in kolkhozes.

Periodical : Veterinariya, 10, 59-62, October 1954

Abstract : The Ministry of Food Products Industry USSR and the Ministry of
State Farms USSR have undertaken to formulate plans for construction
of several large poultry mills and farms in the industrial areas of
the country. Selection of sites, types of structures necessary to
house equipment of poultry mills and farms, proper facilities for
maintenance of poultry, sanitary requirements, and modus operandi
are discussed. Diagram.

Institution : --

Submitted : --

USSR/Diseases of Farm Animals. Diseases Caused by Viruses and Rickettsiae. R

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40669.

Author : Artemichev, M. A. Ogorodnikova, P. V.
Inst : State Scientific Control Institute for Veterinary Preparations.
Title : Study of the Immunobiological Properties of the SSCI Embryo Vaccine Prepared from the Pigeon Pox Virus.

Orig Pub: Tr Gos. nauchno-kontrol'n. in-t po vetpreparatam, 1956, 6, 67-82.

Abstract: Inoculation with the SSCI embryo vaccine prepared from the pox virus of pigeons, is easily endured by young chicks as well as by adult hens, while the administration of vaccine prepared from the virus of hens is frequently accompanied by serious complications.

Card : 1/1

ARTEMICHEV, M.A., kandidat veterinarnykh nauk, glavnyy veterinarnyy vrach,
KALUSHIN, I.P., veterinarnyy vrach.

The embryovaccine of the State Scientific Control Institute against
smallpox in poultry. Veterinariia 33 no.1:32-34 Ja '56. (MLRA 9:4)

1.Brattsevakaya ptitsfabrika (for Artemichev).2.Tamilinskaya ptitse-
fabrika (for Kalushin).
(SMALLPOX IN ANIMALS)

112-97-8-18148

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 8, p 335 (USSR)

AUTHOR: Pigarev, M. B., Nikulitskiy, I. V., Artimichev, M. A., Kinkachi, A. B.,
Kus'minykh, L. M., Sokolova, Ye. V., and Shafrov, V. I.

TITLE: Ultraviolet Illumination of Fowl Kept in a Cage (Ul'trafioletovoye oblucheniye
ptitsy pri kletochnom soderzhanii)

PERIODICAL: Veterinariya (Veterinary Medicine), 1956, Nr 11, pp 70-73

ABSTRACT: A report is offered on the results of illuminating caged chickens by mercury-quartz PRK-2 lamps. The experiments confirmed that ultraviolet illumination protects fowl against mineral-metabolism disturbances, makes it unnecessary to include cod-liver oil and vitamin D in the fowl's ration, increases egg-laying ability (by 20%), and increases live weight (by 10%). Experiments have shown the expediency of this periodic illumination: 4 minutes a day for 10 days, followed by 10 days without illumination. A mobile outfit designed by engineer Gostrov and traveling at

Card 1/2

USSR / Diseases of Farm Animals. General Problems.

R

ABS Jour : Ref Zhur - Biol., No 22, 1958, No 101320

Author : Artemichev, M. I.

Inst : Not given

Title : Prophylactic Veterinary Control of Caged Birds.

Orig Pub : Ptitsvodstvo, 1957, No. 4, 23-29.

Abstract : No abstract.

Card 1/1

7

USSR / Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi R

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74211

Author : Artemichev, M. A.

Inst : Not given

Title : Pullorum of Fowl (BWD [Bacillary White Diarrhea])
and Measures for Its Control

Orig Pub: Ptitsevodstvo, 1958, No 2, 39-43

Abstract: No abstract.

Card 1/1

ARTEMICHIV, M.A., vet. vrach.

Heated rocker for extensive blood drop agglutination tests for white diarrhea in chickens. Veterinaria 35 no.6:66-68 Jo '58.
(MIRA 11:6)

1. Bratisovskaya ptitsfabrika.
(Veterinary laboratories---Equipment and supplies)
(Pullorum disease)

ARTEMICHEV, M.A.

Typhlohepatitis (enterohepatitis) in turkeys. Ptitsirodstvo 9
no.5:43-45 My '59. (MIRA 12:7)

1. Glavnyy veterach Bratshevskoy ptitsefabriki, Moskovskoy oblasti.
(Turkeys---Diseases and pests) (Intestines---Diseases)
(Liver---Diseases)

ARTEMICHEV, M.A., kand.vet.nauk; OGORODNIKOVA, P.V., veterach

Calcic waste of biomyxin production as a valuable poultry
feed. Ptitsevodstvo 9 no.10:44-46 0 '59. (MIRA 13:2)
(Poultry--Feeding and feeds) (Aureomycin)

ARBUKHOV, P.A., ...; POKHISTOV, P.I., ...

Veterinary ... potential in the breeding
of broilers. Veterinaria ... (MIRA 12:7)

1. Bratskaya plitshchik (for Arbutov).
2. Vsesoyuznyy
Institut eksperimental'noy ... (for Pokhistov).
(Poultry—Breeders and nests)

ARTEMICHEV, M. A. (Main Veterinary Surgeon, Poultry Plant).

"Application of Antibiotics on the Bratsevsk Poultry Plant".
Veterinariya, Vol. 37, No. 9, p. 32, 1960.

ARTEMICHEV, M. A.

Use of antibiotics at the Brattsevskii Poultry Factory.
Veterinaria 37 no.9:32-35 S '60. (MIRA 14:11)

1. Glavnyy veterinarnyy vrach Brattsevskoy ptitsefabriki.
(Antibiotics)
(Poultry--Diseases and pests)

ARTEMENKOV, Mikhail Alekseyevich, inzh.; KARPOVA, L.I., inzh.,
retsensenz; TSYBA, L.O., inzh., red. isd-va; HEBEZOVYY, V.M.,
tekh. red.

[Preparation of viscose solutions] Pryhotuvannia viskoznykh roz-
chyniv. Kyiv, Derzhtekhvydav USSR, 1963. 86 p.

(MIRA 16:3)

(Rayon)

Shvachkin, N.A.; P. 01, 3.1.

Dimethyldiuronol n.l phosphate as a new means for controlling
poultry mites. Veterinariia 41 no.5:99-100 May '64.

1. Brattsevskaia pitsefabrika.

(MIRA 18:3)

ARTAMICHEV, M.I., kand. veter. nauch. grad. SHULEVICH, A.Y., kand. veter. nauk

Chemical prophylaxis as the basis for controlling coccidiosis
in chicks. Veterinariya 42 no.8:53-56 Jg 1965.

(MIRA 18:21)

1. Brattshevskaya ptitsfabrika (for Artamichev). 2. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov (for Shulevich).

ARTEMICHEV, M.A., kand. veter.nauk

Veterinary hygiene and prophylaxis in commercial poultry
raising. Veterinariia 42 no.8:93-98 Ag '66.

(MIRA 18:11)

1. Glavnyy veterinarnyy vrach Brattshevskoy pritsefabriki.

ARTIMIN, V. P., inzh.

Contamination of the water walls of the furnaces of boilers
with small evaporative capacity operating on natural gas. Izv
vys ucheb zav; energ 7 no. 1 109-110 Ja '64. (MIRA 17:5)

1. Tsentral'nyy kotloturbinnyy institut imeni I. I.
Polzunova.

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GAL'SYEV,
A.U.; GRIGOR'YEV, A.B.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV,
P.M.; ZOBIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KISHYA-
SHOV, A.T.; LAPSHIN, F.A.; MOLIARCHUK, V.S.; PERISOVSKIY, L.M.;
POGODIN, A.M.; RUDOV, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY,
I.P.; SITNIK, M.D.; TETREEV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.;
SHADIKYAN, V.S.; ADMLUNG, N.N., retsentsent; ANANAS'YEV, Ye.V., retsen-
sent; VIASOV, V.I., retsentsent; VOROB'YEV, I.Ye., retsentsent; VORO-
NOV, N.M., retsentsent; GRITCHENKO, V.A., retsentsent; ZHEREBIN, M.N.,
retsentsent; IVLIYEV, I.V., retsentsent; KAPORTSEV, N.V., retsentsent;
KOCHUROV, P.M., retsentsent; KRIVORUCHKO, N.Z., retsentsent; KUCHKO,
A.P., retsentsent; LOBANOV, V.V., retsentsent; MOROZOV, A.S., retsen-
sent; ORLOV, S.P., retsentsent; PAVLUSHKOV, E.D., retsentsent; POPOV,
A.N., retsentsent; POKOP'YEV, P.F., retsentsent; RAKOV, V.A., retsen-
sent; SINGUBOV, N.I., retsentsent; TERMIN, D.F., retsentsent; TIKHO-
MIROV, I.G., retsentsent; URRAN, I.V., retsentsent; VIALKOVSKIY, I.A.,
retsentsent; CHERYZHIV, B.F., retsentsent; SHEBYAKIN, O.S., retsentsent;
SHCHERBAKOV, P.D., retsentsent; GARNYK, V.A., redaktor; LOMAGIN, N.A.,
redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; MOBE-
DIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TYERSKOY, K.N.,
redaktor; CHEREVATYI, N.S., redaktor; ARSHINOV, I.M., redaktor;
BAEMLYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VIKRESHINSKIY, S.V.,
redaktor; GAMBURG, Ye.Yu., redaktor; DMIRIAS, A.T., redaktor;
DOMEROVSKIY, K.I., redaktor; KOBEYEV, A.I., redaktor; MIKHEYEV, A.P.,
redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.

MOSKVIN, G.N., redaktor; RUBINSHTYBN, S.A., redaktor; TSYPIN, G.S.,
redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor;
CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A.,
redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika, 1zd.
3-e, ispr. i dop. Pod obshchei red. V.A.Garnyia. Moskva, Gos.
transp.zhel-dor. izd-vo, 1956. 1103 p. (MIRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta.
(Railroads)

MOSKVIN, Grigoriy Nikiforovich; KURBYASHOV, Aleksandr Timofeyevich;
ARTEMKIN, Aleksey Andreyevich; SURKIN, Boris Aleksandrovich;
GONCHAROV, S.F., kand. tekhn. nauk, red.; BOUROVA, Ye.N.,
tekhn. red.

[Manual for railroad water supply workers] Rukovodstvo rabotnikam
shesnodorozhnogo vodesnabzheniia. Moskva, Vses. izdatel'ako-
poligr. ob"edineniie M-va putei soobshcheniia, 1960. 509 p.
(MIRA 13:5)

(Railroads--Water supply)

ACCESSION NR: ARW042148

8/0269/64/000/006/0026/0026

SOURCE: Ref. zh. Astronomiya Otdel'ny'y vy'pusk, Abs. 6.51.234

AUTHOR: Artemkin, Ye. Ye.

TITLE: Certain regularities of the appearance of noctilucent clouds at the latitude of Ryazan' (Processing of results of observations of noctilucent clouds in 1957-1961)

CITED SOURCE: Uch. zap. Ryazanak. gos. ped. in-t, v. 35, 1963, 11-19

TOPIC TAGS: noctilucent cloud, cloud

TRANSLATION: There are considered 29 cases of the appearance of noctilucent clouds in Ryazan' during the period of the International Geophysical Year and International Geophysical Cooperation. The main maximum of the frequency of noctilucent clouds' appearance is found in mid-July, and 2 other, smaller maxima are detected at the end of June and the middle of August. The evening period of observations contains 53.5%, and the morning period 46.7% of the entire duration of visibility of clouds.

Card 1/2

ACCESSION NR: AR4042148

The maximum brightness of clouds is observed with a solar depression of 12°. With a solar depression of more than 17° the clouds cease to be visible.

Bibliography: 6 references.

SUB CODE: ES

ENCL: 00

Card 2/2

8/01/86/010/008/000

TITLE: Table for the conversion of angle-measuring divisions of a commander's zenith glass into degree measurement units for the observation of celestial objects in a geocentric coordinate system

... .. ped. inst. no. 15, 1953,

... .. satellite observation satellite surveyance

... .. conversion of angle-measuring divisions of a commander's zenith glass into degree measurement units for the observation of celestial objects in a geocentric coordinate system

system of coordinates. The table is constructed in such a way that
the reader can determine in milliseconds from the north component of the
... ..
... ..
... ..
... ..
... ..

ARTEMKINA, L.N.

Late results of present-day methods of treating meningococcal meningitis in infants. *Pediatrics* no.3:55-59 My-Je '55. (MLRA 8:10)

1. Is kliniki detekikh bolezney (sav.prof. N.I.Osinovskiy) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina na base 1-y Moskovskoy detskoy klinicheskoy bol'nitsy (glavnyy vrach-zasluzhennyy vrach RASPER Ye.V.Prokhorovich)

(MENINGITIS, MENINGOCOCCIC, in inf. and child ther. sulfonamides & penicillin, remote results)

(PENICILLIN, ther.use meningitis, meningococcic, with sulfonamides in inf.)

(SULFONAMIDES, ther.use meningitis, meningococcic, with penicillin, in inf.)

ARTEMKINA, L.N.; BOGOMOLOVA, P.I.

Treating dysentery in children with disulfurmin. Vop.okh.net. 1
det. 3 no.3:20-24 My-Je '58. (MIRA 11:5)

1. In kafedry propedevitiki detskikh bolezney (sav.-prof. V.A. Vlasov)
II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I.
Pirogova (dir.-prof. O.V. Kerbikov) na baze Detskoy klinicheskoy
bol'nitsy imeni N.P. Filatova (glavnyy vrach M.N. Kalugina).
(DYSENTERY) (SULFANILAMID)

ARTEMKINA, L.N., kand. med. nauk; OMERADOS, V.F.; RAHINOVICH, D.Ya;

Problem of the clinical aspects of Escherichia coli in children.
Vop. okh. nat. i det. 4 no. 2:17-21 Mr-Apr '59. (MIRA 12:5)

1. Is kafedry gospiatal'noy pediatrii (zav. - prof. N.F. Popov)
II Moskovskogo meditsinskogo instituta im. N.I. Pirogova i
Detskoy klinicheskoy bol'nitsy im. I.V. Kuznetsova (glavnyy
vrach V.A. Krushkov, nauchnyy rukovoditel' - prof. N.N. Zubkova).
(ESCHERICHIA COLI) (CHILDREN - DISEASES)

VELIKORUSSOVA, N. V., dotsent; ARTEMKINA, L. N., kand. med. nauk

Acute neuritis during novembichine therapy of a child suffering
from a hearing disorder. Vest. otorin. no.2:95-96 '62.
(MIRA 15:2)

1. Iz otorinolaringologicheskoy kliniki pediatricheskogo fakul'teta (sav. - prof. I. I. Shcherbatov) i kliniki gospital'noy pediatrii (sav. - prof. K. P. Popov) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N. I. Pirogova na baze detskoj klinicheskoy bol'nitsy imeni prof. N. F. Filatova.

(DEFECTIVE HEARING IN CHILDREN)
(EMBICHINE) (NEURITIS)

ARTEMKINA, N.I.

Anticoagulants in the treatment of thromboembolism of the mesenteric
vessels. Vest. khir. 93 no.9:33-39 3 '64. (MIRA 18:4)

R. Iz 3-y kafedry khirurgii (zav. - prof. N.I. Blinov) i kafedry
obshchey patologii (zav. - dotsent N.A. Shtakel'berg) Leningradskogo
ordena Lenina instituta usovershenstvovaniya vrachev imeni Kirova.

ARTEMKINA, N.I. (Ryazan', Levo-Lybedskaya ul., d.20, kv.2); SEVAL'B, P.G.
Acute obstruction of the mesenterial vessels. Vest.khir. 83 no.8:
90-94 Ag '59. (MIRA 19:1)

1. Iz khirurgicheskogo otdeleniya (sav. - kand.med.nauk V.M. Borshen-
binder) Ryazanskoy gorodskoy klinicheskoy bol'nitsy No.4 (glavnyy
vrach - N.I. Popov).
(THROMBOSIS)
(MESENTERY blood supply)

ARTEMKINA, N.I. (Leningrad, Zanevskiy prospekt, d.1/E2, kv.27)

Clinical aspects and treatment of thrombosis of the mesenteric vessels. Vest. khir. 89 no.10:19-22 O '62.

(MIRA 17:10)

1. Iz khirurgicheskogo otdeleniya Ryazanskoy gorodskoy klinicheskoy bol'nitsy No.4 (glavnyy vrach - saslushennyy vrach RSFSR N.I. Popov).

BEREZOVSKIY, V.M.; ARTEMINA, R.V.

New methods of synthesizing nucleotide coferments. Usp.khim.
31 no.6:724-751 Je '62. (MIRA 15:5)

1. Vseso,uznyy nauchno-issledovatel'skiy vitaminnyy inatitut,
laboratoriya khimii kofermentov.
(Nucleotides) (Enzymes)

BEREZOVSKIY, V.M.; ARTEMKINA, I.V.; SHENKOVA, M.A.

Nucleotides, coenzymes, and phosphoric esters. Part 2: Separation and hydrolytic splitting of phosphoric esters of riboflavine. Zhur. ob. Khim. 35 no.4:677-681 Ap '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy Institut.

ARTEMENKO, G.A. [Artemenko, H.A.]; VOYTOVICH, I.D. [Voitovyeh, I.D.];
MIKHAYLOV, G.A. [Mykhailov, H.O.]

Static characteristics of film cryotrons. Ukr. fiz. zhur. 8
no.7:798-800 J1 '63. (MIRA 16:8)

1. Institut kibernetiki AN UkrSSR, Kiyev.
(Electric apparatus and appliances)

ARTEMKINA, N.I.

Method of producing experimental thrombosis of the mesenteric
vessels. Pat. fisiol. i eksp. terap. 9 no.3:79 My-Je '65.

(MIRA 18:9)

1. III kafedra khirurgii (sav.- prof. N.I. Blinov) i kafedra
obshchey patologii (ispolnyayushchiy obyazannosti zaveduyushchego -
dotsent N.A. Shtakel'berg) Leningradskogo ordena Lenina instituta
usovershenstvovaniya vrachey imeni Kirova.

ABAKUMOVA, Ye.A., dotsent; ARTEMONOVA, R.N., assistant; DRANITSINA, V.B.,
assistant; SHUTOVA, T.N., assistant

Interrelation between decay of the teeth in children and the
fluorine content in the waters of some districts in Kalinin
Province. Trudy KGM no.10:74-75 '63.

(MIRA 18:1)

1. Iz kafedry terapevticheskoy stomatologii (zav. kafedroy -
dotsent T.T.Shkolyar) i kafedry obshchey khimii (zav. kafedroy -
dotsent V.S.Malinovskiy) Kalininskogo gosudarstvennogo medi-
tsinskogo instituta.

L 30832-66 EWP(c)/EWP(k)/EWT(d)/EWT(l)/T/EWP(l)/EWP(v) IJF(c) TO
ACC NR: AP5022956 (A) SOURCE CODE: UR/0.117/85/000/002/0052/0057

AUTHOR: Artemov, A. (Engineer, Lieutenant Commander); Veniaminov, Yu. (Engineer, Colonel); Kunakov, A. (Engineer, Captain); Gertsov, V. (Lieutenant Colonel)

ORG: none

TITLE: How to increase operational reliability *42*

SOURCE: Tekhnika i vooruzheniye, no. 2, 1965, 52-57 *B*

TOPIC TAGS: reliability engineering, radio equipment, training procedure

ABSTRACT: Methods of maintaining operational reliability of radioelectronic equipment, methods of testing, and failure detection in conjunction with the training of operators and electronic equipment specialists are discussed and deficiencies in training methods are noted. It is suggested that the operators be taught the operation of each unit of equipment and its component parts, thus greatly simplifying the timely detection of equipment failures. Training the operators in the operation and repair of equipment under simulated combat conditions is recommended. A periodic testing of electronic vacuum tubes using L1-2 (IL-14) tube testers with the mutual conductance characteristic of the electronic tubes (S) as a control parameter and subjecting them to a limit test is discussed. The use of the oscillograph for testing radio and electronic equipment and the detection of failures is also discussed. Orig. art. has: 1 figure.

SUB CODE: *nd* 4,05,09/ SUBM DATE: none

Card 1/1

ARTEMOV, A.A.

We shall fulfill the seven-year plan two years ahead of time.
Masl.-shir.prom. 28 no.11:3-4 N 162. (MIRA 15:12)
(Voronezh-Oil industries)

ARTYNOV, A.M.

Data concerning contamination of raw milk with pathogenic
staphylococci. Vop. pit. 24 no.1:88-89 Jan 1965.

(MIRA 18:9)

1. Kafedra gilyery pitaniya (zav.- dotsent A.M. Chistyakova)
Donetskogo meditsinskogo instituta.

ARTEMOV, A.A.

Staphylococcal background of raw milk. Mikrobiol. zhur. 27
no.6:41-43 '65. (MIRA 19:1)

1. Donetskly meditsinskiy institut. Submitted September 5, 1964.

KITAYEV, V.N., kandidat sel'ekokhozyaystvennykh nauk; ARTHMOV, A.D.

Effectiveness of using vitamin A and D₂ concentrates in feeding young pigs. Vit.res. 1 ikh isp. no.2:195-199 '54. (MIRA 8:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut (Vitamins-S) (Swine--Feeding and feeding stuffs) (Vitamins-D)

0711

S/120/62/000/004/007/047
E039/E420

24 6730
AUTHORS: Malyshev, I.F., Popkovich, A.V., Mikhelis, Ya.L.,
Martyugov, G.M., Artemov, A.D., Karpenko, N.M.

TITLE: The vacuum system of the 7 Gev proton synchrotron

PERIODICAL: Pribory i tekhnika eksperimenta, no. 4, 1962, 46-51

TEXT: The vacuum chamber of the synchrotron consists of 112 curved sections in the magnet gaps and 112 straight sections situated between the magnet blocks. The curved sections (except for 11 sections containing accelerating electrodes, situated in X-blocks) are constructed from corrugated tubes of 1X18H9T (1Kh18N9T) steel; thickness 0.3 mm, convolutions 3 mm deep and a pitch of 7 mm and of elliptical cross-section 114 and 84 mm along axes. On the straight sections are mounted the vacuum manifolds and apparatus for observing the beam, e.g. measurement of intensity and position of beam and also lost particles. 56 Oil diffusion pumps type BA-05 (VA-05) with semiconductor refrigerators and liquid nitrogen traps are used to evacuate the working space and there are 14 forevacuum pumps type BH-1 (VN-1). The vacuum chamber can be divided into 14 sections by means of
Card 1/2

The vacuum system of ...

S/120/62/000/004/007/047
E039/E420

gate valves which can be operated manually or by remote control. A working pressure of about 2×10^{-6} mm is achieved. Detailed diagrams of the layout of the system and the main components are given. There are 7 figures.

ASSOCIATION: Nauchno-issledovatel'skiy institut elektrofizicheskoy apparatury GKAE (Scientific Research Institute for Electrophysical Apparatus GKAE)

SUBMITTED: April 6, 1962

Card 2/2

... ..
... ..
... ..
... ..

(S) (U) (10)

... ..

ILYUKHIN, A.I., inzh.; ARTEMOV, A.I., inzh.

Design of a metal rheostat for a two-motor drive of a hoist.
Izv. vys. ucheb. zav.; gor. zhur. 6 no.8:174-179 '63.

(MIRA 16:10)

1. Sverdlovskiy gornometallurgicheskiy tekhnikum imeni Polzunova
(for Ilyukhin). 2. Kemerovskiy gornyy institut (for Artemov).
Rekomendovana kafedroy gornoy elektrotekhniki Kemerovskogo
gornogo instituta.

ARTEMOV, A.I., aspirant

Permanently connected micromotor with a planetary reducer.
Sbor. nauch. trud. Kem. gor. inst. no.5:150-156 '64.

(MIRA 18:3)

1. Gorno-elektromekhanicheskiy fakul'tet Kemerovskogo gornogo
instituta.

Бразил, коэффициент индукции асинхронного электрического двигателя с фазными роторами.
Изв. в. электротехн. и электромеханики, 7, no. 8, 1964, стр. 149-150.

(MIRA 28:1)

1. Кемеровский горный институт. Кемеровская кафедра электротехники.

ARTEMOV, Aleksandr Ivanov, aspirant

Transfer function of a system: liquid rheostat-asynchronous electric motor.
Izv. vys. ucheb. zav.; ~~elektromekh.~~ 8 no.5:539-542 '65. (MIRA 18:7)

1. Kemerovskiy gornyy institut.

ARTEMOV, A. K., kandidat pedagogicheskikh nauk.

Final geometry course in secondary schools. Uch. zap. Pens.
gos. ped. inst. no. 2:3-38 '55. (MLRA 10:2)

(Geometry--Study and teaching)

ARTEMOV, A.K. (Pensa)

Study of mathematical tables. Mat. v shkole no.6:19-22 N-D '55.
(Mathematics--Tables, etc.) (MIRA 9:2)

ARTEMOV, A.K. (Penza)

Industrial excursions for students of grades eighth to ten. Mat. v
shkole no.5:37-42 8-0 '56. (MKRA 9:10)
(Industrial tours) (School excursions)

ANOKHINA, A.S.; ARTEMOV, A.K.

Connection between industrial training and the teaching of
mathematics. Uch.zap.Penz.gos.ped.inst. no.7:3-14 '62. (MIRA 16:7)
(Mathematics--Study and teaching)

ARTEMOV, A.K.

Forms of combining oral instruction and audio-visual aids in
secondary school mathematics lessons. Uch. zap. Pems. gos. ped. inst.
no. 7:44-58 '62. (MIRA 16:7)
(Mathematics--Study and teaching)

ARTEMOV, A.K., inzhener-kapitan-leytenant

Method of finding defects. Mor. sbor. 49 no.11:77-81 N '65.
(MIRA 18:12)

ACC NR: AP6006527

(A,N)

SOURCE CODE: UR/0375/65/000/011/0077/0081

AUTHOR: Artemov, A. K. (Engineer, Captain Lieutenant)

40

ORG: None

TITLE: Radar troubleshooting *W*

SOURCE: Morskoy sbornik, no. 11, 1965, 77-81

TOPIC TAGS: shipborne radar, airborne radar, radar system test, radar equipment, electronic checkout, ~~airborne radar, military personnel~~, material failure

ABSTRACT: Radar troubleshooting is a very important part of the electronic technician's work. The work of the troubleshooter is subject to the degree of competence which the technician develops in sorting out and isolating the specific area where the casualty or breakdown exists. The troubleshooter must first of all analyze the problem presented to him in what may be referred to as the initial stage of his work. The second, or final, stage is the actual correction of the casualty and must of necessity follow the initial stage. The above mentioned stages can be readily ascertained if they are applied to a factual situation such as that presented by a breakdown in a radar. Since radar operates on a series concept rather than a modular one, it is evident that the troubleshooter must trace the operations performed by the radar, isolating those which function as required until he reaches the source of the

Card 1/2

ACC NR: AP6006527

trouble. After the initial, investigative, stage is concluded, the second, final, stage is rather simple. A specific example of a casualty in a radar system is cited and different steps required to correct it are listed and commented upon. Orig. art. has: 4 figures.

SUB CODE: 17, 05/SUBM DATE: None

Card 2/2 ^{6/20}

5.3700B

B2295
S/079/60/030/007/005/020
B001/B063

AUTHORS: Mitrofanova, Ye. V., Arshinov, A. N., Petukhov, G. G.

TITLE: Reactions of Triphenyl Aluminum With Halogen Compounds of Titanium in Fluorobenzene and Deuterobenzene Solutions

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 7, pp. 2138-2141

TEXT: At present, α -olefins are frequently polymerized with complex catalysts consisting of organoaluminum compounds and of halogen compounds of titanium. The course of reaction between these two components, has, however, only been described by the papers of Refs. 1 and 2. For this reason the authors of the present paper studied the reaction of triphenyl aluminum with halogen compounds of titanium in various apolar solvents, such as benzene and cyclohexane, as well as in polar solvents, such as fluorobenzene, in order to find out whether the solvent has any effect. Following the preceding paper (Ref. 3) the authors studied the reaction of triphenyl aluminum with $TiCl_4$ and $TiOCl_2$ in fluorobenzene. It was found that this polar solvent did not influence the above reactions, and both

Card 1/3

Reactions of Triphenyl Aluminum With Halogen
Compounds of Titanium in Fluorobenzene and
Deuterobenzene Solutions

82295

S/079/60/030/007/005/020
B001/B063

reactions gave only diphenyl. The absence of fluorine derivatives of diphenyl indicated that there were no free radicals in these reactions. In the presence of free phenyl radicals it may be assumed that they react with the solvent, thus leading to the formation of mono- and difluoro-diphenyls. Thus, the above-mentioned reaction in fluorobenzene does not take place according to the free radical mechanism (Ref. 3). The above reaction in deuterobenzene is accompanied by an intense H-D exchange which is caused by the compounds having Al-X bonds (X - halogen). For this reason, the hydrogen exchange between diphenyl and deuterobenzene in the presence of $AlCl_3$ takes place very easily, contrary to $TiCl_4$ in whose presence no exchange occurs. In the present paper, the authors studied the possibility of H-D exchange in deuterobenzene between triphenyl aluminum and other halogen compounds of titanium, especially $TiOCl_2$ and $TiCl_3$. With these and other titanium compounds the reaction of triphenyl aluminum in deuterobenzene took place under the formation of diphenyl containing deuterium. A table contains comparative data on the diphenyl yield

Card 2/3

62295

Reactions of Triphenyl Aluminum With Halogen
Compounds of Titanium in Fluorobenzene and
Deuterobenzene Solutions

S/079/60/030/007/005/020
B001/B063

and the deuterium content of the latter for various halogen compounds of titanium, and it is shown that these data somehow depend on the ratio of the reacting components. Tetravalent titanium compounds effect the strongest H-D exchange. There are 1 table and 8 references: 5 Soviet, 1 US, and 2 German. LX

ASSOCIATION: Gor'kovskiy gosudarstvennyy universitet (Gor'kiy State University)

SUBMITTED: July 18, 1959

Card 3/3

L 4943-66 EWT(1)/EWT(m)/EPF(c)/EMP(1)/EMP(3)/P/EMP(t)/EWT(m)/EMP(3)/EWA(n)
ACC NR: AP5025697 IJP(c) JD/HW/JG/ SOURCE CODE: UR/CR/65/000/018/0047/0047

AUTHORS: ^{44.55} Artsov, A. N.; ^{44.55} Yermolayev, V. I.; ^{44.55} NARAYAN, R. G.; ^{44.55} Petukhov, G. D.;
Razuvayev, O. A.; ^{44.55} Solov'yev, I. I.; ^{44.55} Solov'yeva, N. A.; ^{44.55} Surokin, Yu. A.;
Tutyayev, I. N. ^{44.55}

ORG: none

TITLE: Method for manufacturing film type electrical resistors. Class 21,
No. 174697

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 47

TOPIC TAGS: electric resistor, chromium, nickel

ABSTRACT: This Author Certificate presents a method for manufacturing thin film electrical resistors by vacuum deposition of Cr and Ni onto an insulating base. To improve the adhesion of the metal film to the insulating base and to decrease the thermal resistance coefficient, dibenzylchromium $(C_6H_5)_2Cr$ is mixed with dicyclopentadienylcarbonylnickel $(C_5H_5Ni(CO))_2$ in the ratio 1:(2.5-4.7), and the

Card 1/2

UDC: 621.316.849.539.216.2.002.2

07011570

L 4943-66

ACC NR: AP5025697

mixture is heated to the temperature of thermal decomposition.

SUB CODE: EC/

SUBM DATE: 12Mar64

PC
Card 2/2

ARTEMOV, A. S., YAKOVLEV, A. V.

Wheat- Kazakhstan

Cultivating hybrid 999 in the Kazakh S.S.R. Izv. Glav. bot. sada no. 9, 1951.

9. Monthly List of Russian Accessions, Library of Congress. June ² 1951. Unclassified.

leader. Simultaneously, the bottom layer is loaded by hand and the roof supported. In the third shift the operations are completed and the machines are shifted to the bottom of the face. The system has led, at the Zapadnaia-Kapitalnaia mine, to an increase in O.M.S. at the face of up to 67%, and the author considers that this could be further improved.

ARTKOV, A. V.

23226 Rabota vrubopogruzochnykh mashin v komplekse so skrebnymi transporterami.
mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1949, No. 7, s. 5-8

ARTEMOV, A. V.; KOLESNICHENKO, V. F.

"First Results of the Cycle Schedule in Rostovugol' Coal Combine," Mekhanizatsiya Trudoyemkikh i Tyazhelykh Rabot, No. 8, 1950.

Translation - W-14608, 25 Oct 50

1. ARTEMOV, A. V., MIN. ENR.
2. USSR (600)
4. Co 1-Mining Machinery
7. Some conditions under which the efficiency of combines model URT-1 could be increased. Ugol' 27, no. 12, 1952.

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

ARTEMOV, A. V. Cand Tech. Sci. -- (diss) "Study of the Effect of the ~~XXXX~~ Factor of Ventilation on the Strength of Coal." Novocherkassk, 1957. 15 pp with graphs, 20 cm. (Min of Higher Education USSR, Novocherkassk Polytechnic Inst in Sergo Ordzhonikidze), 150 copies (KL, 19-57, 87)

KARPOV, A.M., prof.; ARTEMOV, A.V., gornyy inzh.

Effect of ventilation intensity on coal strength and ways to use this
phenomena for the control of sudden ejections of coal and gas.
Ugol' 33 no.3:25-29 Mr '58. (MIRA 11:1)
(Mine ventilations) (Mine accidents)

VASIL'YEV, A.I., insh.; ARTEMOV, A.V.

Reinforcing a 120m reinforced concrete smokestack. Mont. i spets.
rab. v. stroi. 22 no. 4:25-27 Ap '60. (MIRA 13'8)

1. Chelyabinskoye upravleniye tresta Spetskhlozobetonstroy.
(Chimneys)

ARTEMOV, A.V. kand.tekhn.nauk

Mechanism of the protective action of in advance mining of adjacent seams. Ugol' 37 no.1:48-52 Ja '62. (MIRA 15:2)
(Rock pressure)
(Coal mines and mining)

KHVOCTOV, F.K.; ARTEMV, A.V.

Mechanization and automation of auxiliary operations in open
mines of the Russian Federation. *Biul. tekhn. i ekon. inform.*
Gos. nauch.-issl. inst. nauch. i tekhn. inform. 17 no.12:12-15 D '64.
(MIRA 18:3)

KIRYUSHKIN, K.I.; ARTEMOV, A.V.

Suggestion on design changes for service stations. Transp. i khran.
nefti i nefteprod. no.7:27-29 '65. (MIRA 18:9)

1. Sverdlovskaya perevalochnaya neftebaza.

ARTEMOV, A.Y., dotsent, kand. tekhn. nauk; FROLOV, A.V., gornyy inzh.;
KOREPANOV, K.A., dotsent, kand. tekhn. nauk; MOROZOV, I.F., inzh.

Response to O.I. Chernov's and V.N. Pusyrev's article "Gas
emanation from coal." Ugol' 40 no.11:72-73 '63.

(MIRA 18:11)

1. Novoeherkasskiy politekhnicheskii institut (for Arsenov,
Frelev). 2. Donetskii politekhnicheskii institut (for Korepanov,
Morozov).

"Circular probe with blood serum for brucellosis diagnostics."

Veterinariya Vol. 37, No. 3, 1960, p. 84

Artemov - assistant, Voronezh Zootich - Vet Inst.

АВТЕМОВ, В.Т., канд. ветеринарных наук

Importance of low titers in the agglutination reaction in
the diagnosis of brucellosis in cattle, Veterinaria 40
no.11:33-34 N '63. (MIRA 17:9)

1. Veronezhskaya nauchno-issledovatel'skaya veterinarnaya
stantsiya.

ARTEMOV, D.M.; HUDENKO, P.A.; BOYARIN, B.Ya.; KURTSIN, V.V.; VOLODINA, M.A.; KRIVOVAYA, V.I.; KOROLIN, I.V.; HUDNIKOVA, Z.M.; KOTAL'NIKOVA, A.L.; AFANAS'YEV, S.P., red.; GUDKOVA, N., red.; YAKOVLEVA, Ye., tekhn. red.

[Economy of Moscow Province; a statistical manual] Narodnoe khoz-
yaistvo Moskovskoi oblasti; statisticheski sbornik. [Moskva]
Mosk. rabochii, 1958. 270 p. (MIRA 11:9)

1. Moscow (Province). Oblastnoye statisticheskoye upravleniye.
2. Nachal'nik Moskovskogo oblastnogo statisticheskogo upravleniya (for Afanas'yev).
(Moscow Province--Economic conditions--Statistics)

USSR/Mathematics - Chaplygin's method

Card 1/1 Pub. 22 - 1/59

Authors : Artanov, G. A.

Title : ~~Chaplygin's method and its simplification for~~ hyperbolic type equation with two variables in partial derivatives of the second order

Periodical : Dok. AN SSSR 102/2, 197-200, May 11, 1952

Abstract : An application is presented of Chaplygin's method to the solution of the Cauchy problem to which a hyperbolic type of equation with two variables in partial derivatives of the second order can be reduced. Four USSR references (1946-1955).

Institution : Krivoy Rog Ore Mining Institute

Presented by : Academician A. N. Kolmogorov, January 14, 1952

1954, 1. 2.

"Chaplyrin's Method and Its Modification for the Approximate Solution of Several Types of Ordinary and Partial Differential Equations." *Sov. Phys-Math Sci, Voronezh State U, in Higher Education USSR, Voronezh, 1954. (S.L. No 8, Feb 55)*

SO: Sum. No. 031, 26 p; 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions. (16)

USSR/Mathematics

Card 1/1 Pub. 22 - 1/51

Authors : Artemov, G. A.

Title : Modification of the Chaplygin method for systems of ordinary differential equations of the first order

Periodical : Dok. AN SSSR 101/2, 197-200, Mar 11, 1955

Abstract : A new simplified method, based on the Chaplygin idea, was formulated for the purpose of finding the approximating curves approaching from two sides toward the integral curves of a nonlinear system of differential equations of the first order, specific type. An evaluation of these approximations is also presented. Three USSR references (1934-1950).

Institution : The Krivoyrog Mining Institute, Krivoy Rog

Presented by: Academician A. N. Kolmogorov, December 14, 1954