ZYBALOVA, G.P.

Changes in the permeability of Angren coal during the process of its drying and heat treatment. Podzem.gaz.ugl. no.1:28-31 '58.
(MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut podzemnoy gazifikatsii ugley.
(Coal--Permeability)

GOLUBEV, Yu.B.; ZYBALOVA, G.P., kand.tekhn.nauk; PETUKHOVA, N.N.; SHCHAD'KO, A.M.

Gas formation dynamics in the gasification of a lignite seam at the experimental "Podzemgaz" gas generator station in the Angren Basin. Trudy VNIIPodzemgaza no.13:11-17 '65.

(MIRA 18:8)

1. Laboratoriya tekhnologii podzemnoy gazifikatsii uglya Vsesoyuznogo nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii ugley.

BOLTANOVA, Z.M.; ZYBALOVA, R.F.

Detection of bacterial pollution of preserved blood and its components. Gemat. i perel. krovi 1:125-128 '65. (MIRA 18:10)

1. Kiyevskiy institut perelivaniya krovi i Kiyevskaya gorodskaya stantsiya perelivaniya krovi.

ZYBAREV, A.; PAKHOLKOV, D.

New heating system for the ZIL-158 motorbusses. Avt.transp. 38 no.1:40-41 Ja '60. (MIRA 13:5)
(Motorbusses)

ZIDARIS, A. V.

Technology

Preparation of production at an automobile plant, Moskva, Mashgiz, 1950

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

ZYBAYLO, A.V.

Simplifying the handling and form of technical records. Avt.trakt.prom. no.11:4-6 N '54. (MLRA 8:1)

1. Moskovskiy avtozavod im. Stalina.
(Automobile engineering) (Factory management)

ZYBAYLO, Aleksey Vasil'yevich; SHEVELEV, A.G., inzh., retsenzent; LEVINSON, Ye.M., inzh., red.; RADAYEVA, Z.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Organizing preliminary activities in the mass manufacture of machinery] Organizatsiia podgotovki proizvodstva v massovom mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 234 p. (MIRA 14:9)

(Factory management)

ZYBAYLO, I.V.

Ways of lowering the production costs in chemical working circles. Gidroliz. i lesokhim.prom. 10 no.5:23-24 '57. (MLRA 10:8)

1.Ivatsevichskiy khimleskhoz.
(White Russia--Forest products--Costs)

UVAROVA, Z.A.; KOROL', G.S.; ZYBENKO, L.D.; GERASIMENKO, G.

Effect of ammonium carbonate on certain physiological features in corn. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.1:52-56 '61. (MIRA 14:4)

(Ammonium carbonate—Physiological effect)
(Corn (Maize))

ZYBIN, A.

More production with less spending. MTO no.11:17-18 N '59.
(MIRA 13:4)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva sel'skogo i lesnogo khozyaystva zernosovkhoza "Grachevskiy," Stavropol'skiy kray.
(Stavropol Territory--Agricultural research)

USSR/Farm Animals - Domestic Fowls

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26248

Author : ~~Zybin N.~~
Inst : Not Given
Title : A Valuable Animal Feed for Fowls (Tsennyy zhivotnyy korm dlya ptitsy)

Orig Pub : S. kh. Sibiri, 1957, No 5, 61-65

Abstract : An experiment was carried out in the raising of chicks by supplementing feed rations with fresh-water shrimp (Gammarus). Feeding fresh shrimps to the chicks started from 2-3 days of age. Daily average per head was: during the first ten days 2-4 g., during the next ten days 4-8 g., subsequent ten days 8-12 g., at 2 months of age 20 g., at 3 months 30 g., and grown-up chicken 60-70 g. of fresh, or 15-18 g. of dried shrimps. The feeds had a positive influence on the growth, development, and survival of the young chickens. There was no chicken post in the experimental group of 840 heads. The average chickens' weight at 2 months of age was 693 g. as

Card : 1/2

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26248

against 651 g. in the control group; young hens started laying eggs at 5 months of age - earlier then in the control group. The article gives available published data regarding the effectiveness of the use of Gammarus as a food for chickens. The ways of catching and drying Gammarus in the summer and winter, as well as the economical profitableness of its utilization, are indicated.

KOMAROV, V.S., inzh.; ZYBIN, A.G., inzh.

Control and protection of double fans in local ventilation. Izv. vys. uchab. zav.; gor. zhur. no.8:162-167 '61. (MIRA 15:5)

1. Vostochnyy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoy promyshlennosti. Rekomendovana Vostochnym nauchno-issledovatel'skim institutom po bezopasnosti rabot v gornoy promyshlennosti.
(Fans, Electric)

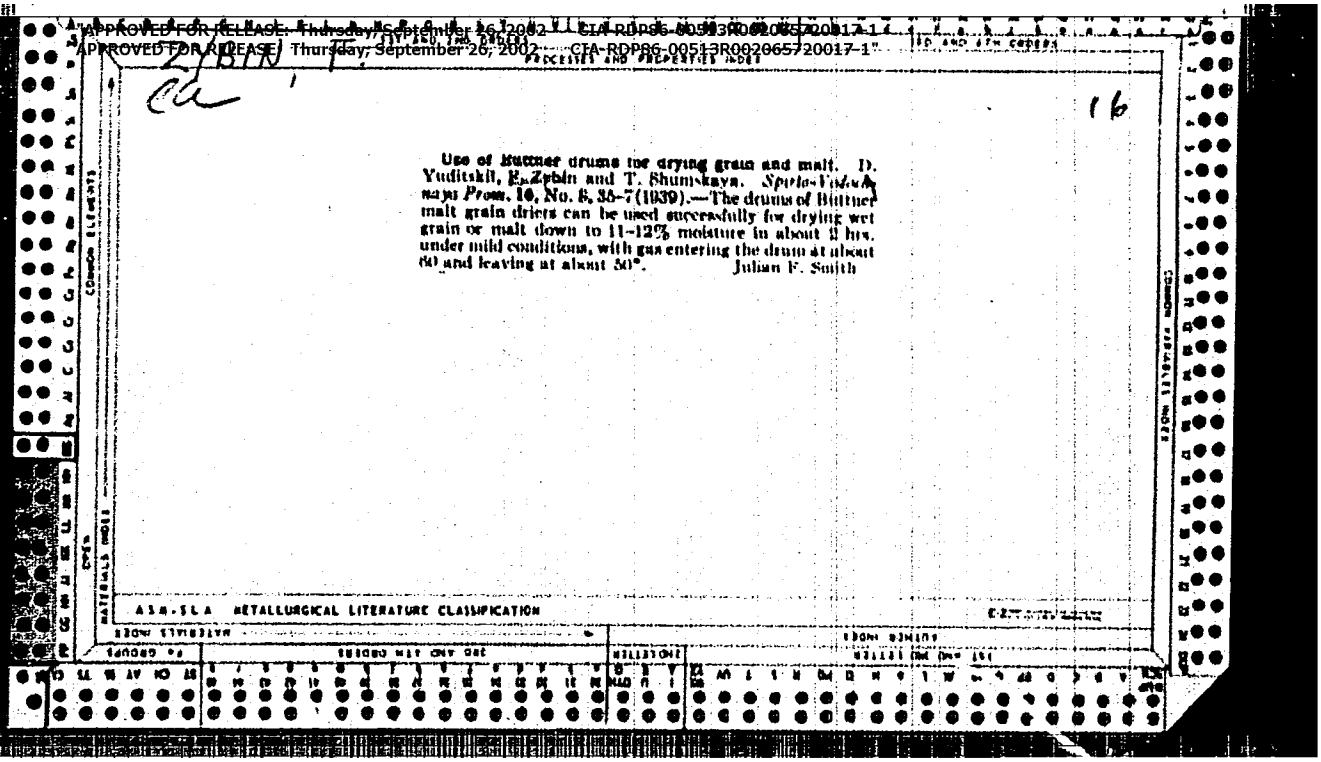
ZYBIN, A. S.: Master Biol Sci (diss) -- "The lake crawfish (Gammarus Rivulogammarus lacustris G. O. Sars) and the outlook for its economic exploitation on the basis of experimental data". Omsk, 1958. 25 pp (Tomsk State U im V. V. Kuybyshev), 200 copies (KL, No 6, 1959, 129)

ZYBIN, A.S.

The pike perch in the Irtysh. Izv. Omsk. otd. Geog. ob-va no.6: 119-120 '64. (MIRA 18:9)

YASENEVA, R.V.; ZYBIN, A.Yu.

Method for determining velocity of the lower clamps of the RT-250 tearing machine used in testing fabrics. Kozh.-obuv.prom. no.4: 17-19 Ap '59. (MIRA 12:7)
(Testing machines) (Textile fabrics--Testing)



Use of Büttner drums for drying grain and malt. D. Yuditskii, E. Zebin and T. Shumskaya. *Spirto-Vodochnaya Prom.* 10, No. 6, 35–7(1939).—The drums of Büttner malt grain driers can be used successfully for drying wet grain or malt down to 11–12% moisture in about 2 hrs. under mild conditions, with gas entering the drum at about 80 and leaving at about 50°. Julian F. Smith

16

BIBIN, I. (Moskva)

Let's remunerate locomotive brigades per each kilometer-ton.
Sots.trud. no.4:136-137 Ap '58. (MIRA 11:4)
(Railroads--Salaries,pensions,etc.)

ZYBIN, I.

The wage schedule for locomotive brigades requires revision. Sots.trud.no.3: 112-115 Mr '56. (MLRA 9:7)

(Railroads--Salaries, pensions, etc.)

ZYBOV, A.M., polkovnik meditsinskoy sluzhby; ZYBIN, N.V., polkovnik meditsinskoy sluzhby

Diagnosis and expertise of patients with some gastric and duodenal diseases. Voen.-med.zhur. no.9:27-42 '64. (MIRA 18:5)

ZYBIN, Yu.A.; SAMSONOV, V.G.; KHARAKHASH, V.G.; DORFMAN, E.M.

Lined plastics and their testing. Plast. massy no.7:64 '65. (MIRA 18:7)

PHASE I BOOK EXPLOITATION 149

Akademiya nauk SSSR. Institut nauchnoy i tekhnicheskoy informatsii

Pribory i stendy. Tema 5, No. P-56-475 (Instruments and Instrument Stands. Topic 5, No. P-56-475) Moscow, 1956, 10 p. 1,620 copies printed.

Additional Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov SSSR po novoy tekhniki.

Chief Ed.: Udal'tsov, A. N.; Ed.: Yakovlev, D.A., Engineer.

PURPOSE: This booklet is addressed to those interested in the technique and metering instruments used in the measurement of very low resistances and to earth physicists interested in metering technique in measuring the susceptibility of rock samples.

COVERAGE: The booklet contains two articles, one describing a pulse microhmmeter, the other an absolute permeability meter.

Card 1/3

TABLE OF CONTENTS:

The article describes an instrument for measuring very low contact resistances (on the order of 1 michrohm). Such meters are used, for example, in measuring bus connection resistances on the order of 0.1 to 5 michrohms. The ammeter-voltmeter method for obtaining a visible deflection of the needle on a 10 mv scale is described. The method requires very high testing currents, on the order of 100 amperes when measuring 1 microhm. The author describes the microhmmeter developed by him at the "Uralelektroapparat" factory (author's certificate No. 94385). The operating principle of the instrument is based on the generation of high current (200 to 300 amperes) pulses. Fig. 1 is a circuit diagram of a microhmmeter for measuring low resistances (from 2 to 5,000 microhms) under shop conditions. Fig. 2 is a circuit diagram of a microhmmeter for measuring low resistances (in the $0.1 \cdot 10^{-6}$ to 10 ohm range) in a closed circuit through the secondary coil of a stepdown transformer. Fig. 3 is a photograph of the apparatus used for checking the contact system of the MKP-110 oil circuit breaker. Fig. 4 is a structural and connection diagram of the instrument used to check the contact system of the VMG-133/111 oil circuit breaker. A table of pulse transformer coil winding data is given.

There is one Soviet reference.

Zybin, K. Yu. An Absolute Permeability Meter 9

This instrument was developed by A.G. Kalashnikov at the Institute of Earth Physics, AN SSSR. The report is accompanied by a schematic diagram of the fluxmeter in circuit. Formulas are given for calculating susceptibility, flux, etc. The design and principle of operation of the instrument are described. The instrument is used in measuring the susceptibility of rock samples. There are no references.

AVAILABLE: Library of Congress

Card 3/3

JP/mas
11-5-58

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

KALASHNIKOV, A. G., ZEBIN, K. Ya.

"Some results of observing the variation vector of the horizontal component of the geomagnetic field."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

"Some laws in the behaviour of the vertical component of short-period oscillations of the geomagnetic field of stable regime (Pc)."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

S/049/60/000/02/006/022
E131/E459

AUTHOR: Kalashnikov, A.V. and Zybin, K.Yu.

TITLE: Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1960, Nr 2, pp 236-242 (USSR)

ABSTRACT: The investigations were carried out by the Station "Borok" of the Institute of Physics of the Earth, Academy of Sciences USSR (58°02 N and 38°58 E). A three-component assembly was employed giving the variations of H_x, H_y and Z of the geomagnetic field. The vertical component was recorded by means of a mesh placed horizontally in the earth, the total surface of which was 15700 m^2. The sensitivity of the Z-channel was 1.4×10^{-2} γ/mm. Examples of recordings of the variations of all three components are illustrated in Fig 2. Vector diagrams of the variations of the horizontal components were plotted showing the amplitudes of the components H_x and H_y for a given instant (Fig 3). The curves thus obtained enclose an elongated area, the azimuth of the longer

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

S/049/60/000/02/006/022
E131/E459

Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

axis having predominantly a direction NW to SE, ie the mean azimuth was found to be 38° (Fig 4). It was found that the diurnal rotation of the vector was predominantly anti-clockwise. Out of 456 cases, 258 rotations were anti-clockwise, 146 clockwise and 52 were variable (Fig 5, 6 and 7). The diagram of the relationships

E_x/H_y, E_y/H_x and $E/H = \sqrt{E_x^2 + E_y^2} \Big/ \sqrt{H_x^2 + H_y^2}$

was also produced (Fig 8) in order to illustrate the relationship between the amplitude of the variations of the electric field and those of the magnetic field. The cause of these variations could be the effect of electric eddies in the ionosphere at the heights of 100 km and

IX

809'4
S/049/60/000/02/006/022
E131/E459

Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

above. There are 8 figures and 1 Soviet reference.

ASSOCIATION: Akademiya nauk SSSR Institut fiziki Zemli
(Academy of Sciences, Institute of Physics of the Earth)

SUBMITTED: August 6, 1959

Card 3/3

82706

S/049/60/000/006/002/002
E073/E535

3.9000

AUTHORS: Bol'shakova, O.V., Zybin, K. Yu. and Mal'tseva, N.F.

TITLE: Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1960, No.6, pp.818-827 + 1 plate

TEXT: The authors evaluate the results of observations carried out in the following three geophysical stations of the Institute of Physics of the Earth, AS, USSR during the first six months (August, 1957 to January, 1958) of the I.G.Y.: Lovozero (Murmansk region) - 67° 58' northern latitude, 35° 05' eastern longitude); Borok (Yaroslav region) - 58° 02' northern latitude, 38° 58' eastern longitude; Petropavlovsk-Kamchatskiy - 53° 06' northern latitude, 158° 38' eastern longitude.
The primary evaluated data are the 24 hour photographic recordings of fluxmeter induction apparatus with a 90 mm/hr scanning speed.
Card 1/4

82706

S/049/60/000/006/002/002
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (In accordance with observations carried out during the I.G.Y.)

The authors investigated the frequency spectrum of the field of the short period fluctuations, the daily characteristic of the times of occurrence of short period fluctuations, the daily characteristic of the average maximum amplitude of the short period fluctuations and their behaviour as a function of the geographic distribution of the observation points. The data are described in considerable detail. For the purpose of elucidating generally valid amplitude relations, the authors introduce the term "degree of Pc activity" and investigate its behaviour. The degree of Pc activity was selected in the same way as the international geomagnetic activity characteristics. However, in the given case the amplitude of fluctuations with periods of 10 to 50 secs during each hour of the 24 hour day was evaluated at 0.1 to 2 Balls. On the basis of the obtained results the following conclusions are arrived at:
1) The short period fluctuation spectrum in the range between

82706

S/049/60/000/006/002/002
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

10 and 90 secs is a discrete one, the probability of appearance of fluctuations differs for differing periods.
2) According to the daily characteristic of the number of cases of occurrence of short period fluctuations of various periods, the spectrum can be divided into groups of 20 to 30 and 60 to 90 secs monitored ("controlled") according to local time and a 40 secs group monitored ("controlled") by world time.
3) The daily characteristic of the average maximum amplitude of the short period fluctuations of various periods obeys a general law and is monitored in accordance with local time.
4) The group of fluctuations with periods between 60 and 90 secs observed at the station Borok obeys laws similar to those pertaining to the Pc type fluctuations.
5) The degree of activity Pc evaluated according to 3-ball scale enables comparing the relations governing the behaviour of short period fluctuations of the Pc type with appreciably differing

82706
S/049/60/000/006/002/002
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

amplitudes at various stations. The degree of activity Pc has a clearly pronounced daily variation with a half-daily maximum. It proceeds in accordance with the local time, it has a seasonal character and indicates a tendency towards a latitude shift, i.e. the maximum degree of activity Pc will occur earlier at the stations in the higher latitudes.

6) Disturbances with periods below 50 secs should be subdivided into proper PcA disturbances and disturbances of the same period which occur in absence of stable fluctuations of the given period (the latter is particularly characteristic for polar stations).

Acknowledgments are expressed to G. N. Petrova who directed the work and to the following who jointly with the personnel of the geophysical stations participated in evaluating the obtained experimental material: G.M.Solodovnikov, K.Ya. Sergyeva, L.V. Kopeleva, L.V.Pestretsova, V.V.Sperantov, L.A.Nabatnikova and R.S. Rybak. There are 12 figures and 2 tables.
ASSOCIATION: Akademiya nauk SSSR,Institut fiziki Zemli (Academy of Sciences USSR, Institute of Physics of the Earth)
Card 4/4
SUBMITTED: August 6, 1959

ZYBIN, K. YU., SHEPETNOV, R.V., ROKITYANSKAYA, D.A., TROITSKAYA, V.A., and ROKITYANSKY, I.I.,

"The Connection of Pc and Pt Pulsations with Magnetic Storms,"

report presented at the Intl. Conference on Cosmic Rays and Earth Storms, Kyoto, Japan, 4-15 Sept 1961.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

PHASE I BOOK EXPLOITATION SOV/5215

Akademiya nauk SSSR. Mezhduvedomstvennyy komitet po provedeniyu Mezhdunarodnogo geofizicheskogo goda. III razdel programmy MGG: Zemnoy magnetizm i zemnyye toki.

Korotkoperiodicheskiye kolebaniya elektromagnitnogo polya zemli (Short-Period Oscillations of the Earth's Electromagnetic Field) Moscow, Izd-vo AN SSSR, 1961. 114 p. 1,800 copies printed (Series: Its: Sbornik statey, No. 3)

Resp. Eds.: A. G. Kalashnikov, Doctor of Physics and Mathematics, and V. A. Troitskaya, Candidate of Physics and Mathematics; Ed.: Ye. P. Shchukina; Tech. Ed.: Ye. V. Makuni.

PURPOSE: This publication is intended for geophysicists.

COVERAGE: This collection of articles, published by the Interdepartmental IGY Committee of the USSR Academy of Sciences, treats problems of geomagnetism and telluric currents. Individual articles deal with various (short-period, gigantic,

Card 1/5

steady, etc.) oscillations of the terrestrial electromagnetic field, particularly in the arctic region. No personalities are mentioned. Brief English abstracts accompany each article. References follow individual articles.

TABLE OF CONTENTS:

29886
S/169/61/000/009/047/056
D228/D304

3.9110 (1124, 1482)

AUTHORS: Barsukov, O. M., and Zybin, K. Yu.

TITLE: The non-perpendicularity of the variation vectors for E and H of the earth's geomagnetic field

PERIODICAL: Referativnyy zhurnal. Geofizika, no. 9, 1961, 26, abstract 9G210 (Korotkoperiod. kolebaniya elektromagnitn. polya Zemli, no. 3, M., AN SSSR, 1961, 83-88)

TEXT: It is shown theoretically that for an anisotropic medium the principle of the mutual perpendicularity of vectors of electric and magnetic alternating fields is violated in horizontal directions. Recordings of short-period variations at the Lovozero and Borok stations were processed for experimental verification. The principal directions of vectors E and H, and their diurnal variation were determined for Lovozero; the perpendicularity deviation is $\sim 9^{\circ} \div 1^{\circ}$. Electromagnetic measurements of the impedance for different directions disclosed the anisotropy of the crust in the Lovozero area which, according to the calculations, should

Card 1/2

ZYBIN, K.Yu.; KLEIMENOVA, N.G.

Amplitude spectrum of micropulsations in the frequency range of 1 to 20 cps. Geomag. i aer. 5 no.6:1125-1126 N-D '65.
(MIRA 19:1)

1. Institut fiziki Zemli AN SSSR. Submitted March 26, 1965.

ACC NR: AT7007071

SOURCE CODE: UR/0293/66/004/006/0935/0936

AUTHOR: Zybin, K. Yu.

ORG: none

TITLE: Distribution of Alfvén velocity in the magnetosphere

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 6, 1966, 935-936

TOPIC TAGS: cold plasma, plasma density, magnetic field

SUB CODE: 20,22

ABSTRACT:

Alfvén velocity in the magnetosphere usually is computed using the formula $V_A = H/\sqrt{4\pi\rho}$, where H is magnetic field strength and ρ is the density of charged particles. The first computation of V_A was made by Dessler, assuming a monotonic decrease of plasma density with height and for the strength of a dipole field. However, Soviet space rockets revealed a sharp decrease of plasma density at geocentric distances $R = 4\text{-}5\ R_E$. Much more data now is available on this plasma density jump ("knee") near which the density of cold plasma decreases by several tens of times. Such a sharp decrease naturally should lead to a considerable increase of Alfvén velocity. The graph shows a second V_A maximum at $R = 4\text{-}5\ R_E$ and a region of relatively low values V_A bounded by two maxima. This has a number of corollaries important for an understanding of the nature of geomagnetic micropulsations. The region of decreased velocities can serve as an additional resonator for magnetoacoustic waves propagating isotropically in the exosphere. This resonator exists on

Card 1/2

UDC: 550.385.41

ACC NR: AP7007601

both the daytime and nighttime sides of the magnetosphere. This makes it possible to explain nighttime pulsations of the Pi2 type. There are three regions in the magnetosphere in which magnetoacoustic resonances are possible: a) a region bounded by the "knee" and the velocity jump at the boundary of the magnetosphere; b) a region between the "knee" and the maximum of the Alfvén velocity at $R \approx 1.5\ R_E$; c) a region whose boundaries are the ionosphere and the velocity maximum at $R \approx 1.5\ R_E$. These and other factors help in explaining a broad spectrum of simultaneously existing micropulsations with different periods.

[JPRS: 39,718]

Card 2/2

Properties and nature of geomagnetic micropulsations with periods from 10 seconds up to several minutes. Geomag. i aer. 5 no.3:494-498 My-Je '65. (MIRA 18:5)

1. Institut fiziki Zemli AN SSSR.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

ACC NR: AT5000765 SOURCE CODE: UR/0203/65/005/006/1125/1126

AUTHOR: Zybin, K. Yu.; Kleymenova, N. G.

ORG: Institute of Physics of the Earth, AN SSSR (Institut fiziki Zemli AN SSSR)

TITLE: Amplitude spectrum of micropulsations in the 1-20 cps frequency range

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 6, 1965, 1125-1126

TOPIC TAGS: geomagnetic field, geophysics

ABSTRACT: The paper is a report on observations of micropulsations in telluric currents at Garm, Tadzhik SSR, in the summer of 1961. Oscillograms of the natural electromagnetic field in the 1-20-cps frequency range show a complex pattern of irregular oscillations which defies analysis. To isolate the characteristic frequencies, several of the most typical recordings of micropulsations, lasting about 30 seconds each were analyzed on an M-20 computer. The resultant data were analyzed and a curve of the E_x spectral component was plotted as a function of amplitude. This spectrum shows that the natural electromagnetic field observed in the 1-20 cps range is the result of at least two distinct

Card 1/2

UDC: 550.385.37

UDC: 550.385.37

sources. The field energy diminishes smoothly and rather rapidly with increasing frequency in the first part of the spectrum, up to 5 cps. Above 5 cps, the field energy begins to oscillate with increasing frequency. The low-frequency part of the spectrum (up to 5 cps) corresponds to oscillations of the *Pc1* type, which have their origin in the exosphere. The maxima in the oscillations above 5 cps correspond to Schumann resonance frequencies of the earth-ionosphere cavity due to lightning flashes. Three clearly defined maxima are observed at 8.5, 14.5, and 21 cps. This spectrum is used to determine the *Q* of the earth-ionosphere resonance cavity, giving values of 3.4 for 8.5 cps and 3.2 for 14.5 cps, which agree satisfactorily with the data in the literature. Resonance oscillations in the middle latitudes are much stronger than in the polar regions, where fluctuations are weak and the amplitudes of the oscillations from 8 to 20 cps are nearly an order of magnitude lower than the amplitudes of geomagnetic micropulsations (1-3 cps). Orig. art. has: 1 figure. [14]

SUB CODE: 08,17/ SUBM DATE: 26Mar65/ ORIG REF: 002/ OTH REF: 002
ATD PRESS: 4181

Card 2/2 HW

ZYBIN, Kh., inzhener.

Operation recorder of the "Neptun" radar station. Mor.flot 17 no.3:24 Mr '57. (MLRA 10:3)

1. Elektronavigatsionnaya kamera Rizhskogo porta.
(Riga--Radar in navigation)
(Recording instruments)

ZARE, I. M., starshiy prepodavatel'

Conditions for convergence of a sequence of linear positive operators. Uch. zap. Kalin. gos. ped. inst. no.5:53-56 '58.
(MIRA 13:10)

(Operators (Mathematics)) (Convergence)

AUTHOR: [illegible] Prepodavatel'

Convergence of some sequences of linear operators to discontinuous functions. Uch. zap. Kalin. gos. ped. inst. no.5:57-63 '58. (MIRA 13:10)

(Convergence) (Operators (Mathematics)) (Functions, Discontinous)

SAVIN, N.V., kand.med.nauk, podpolkovnik meditsinskoy sluzhby

Basic questions on the pathogenesis, clinical picture, and treatment of brain insults. Voen.-med.zhur. no.9:11-17 S '59. (MIRA 13:1)
(CEREBRAL HEMORRHAGE)

KOBRIN, N.D., kandidat meditsinskikh nauk, polkovnik med.sluzhby

Basic principles of rehabilitative therapy following acute disorders in brain circulation. Voen.-med. zhur. no.5:26-30 My '60.
(MIRA 13:7)

(CEREBRAL HEMORRHAGE)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

CA 7/45

11E

B complex avitaminosis. N. D. Zyrin. *Arkh. anat.* (U.S.S.R.) 24, No. 12, 45-58(1940).—During the war a no. of cases were observed in which disturbances of the circulatory system were combined with a more or less pronounced paresis of the extremities. It has been traced to B avitaminosis, particularly in respect to B_1. The most effective treatment was auto. of the organism with B_1 administered intravenously. Convalescence is very slow, 6 to 12 months. G. M. Kondakoff

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

GORODETSKIY, V.I., inzh.; ZYBIN, P.M., inzh.; ISAKOV, Yu.N., inzh.; D'YACHENKO, N.Kh., doktor tekhn.nauk, prof.; LIVENTSEV, F.L., kand.tekhn.nauk, dotsent; MEL'NIKOV, G.V., kand.tekhn.nauk, dotsent

A new gas pipe line compressor station with evaporation cooling of the gas motor compressors. Energomashinostroenie 10 no.1:27-29 Ja '64. (MIRA 17:4)

BOBOREKO, E.A.; KALYUZHNYY, M.Ya.; CHAYKA, N.D.; ABRAMOVICH, M.M.; SHILOV, Yu.P.; DRUZHININA, A.T.; ZYBIN, S.Ye. [deceased]; BATIKOV, L.S.

Improving the process of yeast growing on wood hydrolyzates. Gidroliz. i lesokhim.prom. 17 no.8:22-25 '64. (MIRA 18:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidrolizmoy i sul'fitno-spirtovoy promyshlennosti, Leningrad (for Boboreko, Kalyuznyy, Chayka, Abramovich). 2. Ivdel'skiy gidroliznyy zavod (for Shilov, Druzhinina, Zybin, Batikov).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

FISHER, F.N.; KEYL', I.A.; VOROB'YEVA, G.I.; SHVARSKHOYN, B.M.; ALYAMOVSKAYA, T.S.; ZYBIN, S.Ye.; DRUZHININA, A.T.; SHILOV, Yu.P.

Growing yeast on hydrolysates from coniferous wood. Gidrolis. i lesokhim. prom. 16 no.5:7-12 '63. (MIRA 17:2)

1. Moskovskoye otdeleniye Gosudarstvennogo nauchno-issledovatel'skogo instituta gidroliznoy i sul'fitno-spirtovoy promyshlennosti (for Fisher, Keyl', Vorob'yeva, Shvartskroyh, Alyamovskaya).
2. Ivdel'skiy gidroliznyy zavod (for Zybin, Druzhinina, Shilov).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

KOROL'KOV, I.I.; STRIZHEVSKAYA, I.S.; LIKHOVID, R.D.; PARAMONOVA, G.D.; ZYBIN, S.Ye.; BATIKOV, L.S.; DOLGOKHVOSTOV, I.A.

Experiments in the production of hydrolysates for growing yeast at the Ivdel' Hydrolysis Plant. Gidroliz. i lesokhim. prom. 16 no.5:3-7 '63. (MIRA 17:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidrolizanoy i sul'fitno-spirtovoy promyshlennosti (for Korol'kov, Strizhevskaya, Likhovid, Paramonova). 2. Ivdel'skiy gidroliznyy zavod (for Zybin, Batikov, Dolgokhvostov).

ZYBIN, S.Ye.

Horizontal percolation in the extraction-battery hydrolysis of wood. Gidroliz. i lesokhim. prom. 8 no.5:16-17 '55. (MLRA 9:1)

1.Director Khorskogo gidrolliznogo zavoda.
(Wood-Chemistry) (Hydrolysis)

Zybin, V. - "The fantastic and the Actual," (Concerning the speed-demon lathe-hand G. Borthevich. Sketch), Smena, 1949, No. 4, p. 4, with portrait.

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

VOROB'YEV, A.A.; VASIL'YEV, N.N.; SAMORODOV, L.M.; VORONTSOV, I.V.; PATRIKEYEV, G.T.; MAKARENKO, M.M.; Prinimali uchastiye: ANDROSHCHUK, S.M.; ZYBIN, V.D.; KORNEV, I.S.; NIKOLAYENKO, Yu.P.; CHERNOVA, V.A.; IGONINA, Yu.A.; MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.4: Botulin anatoxin type E. Zhur. mikrobiol., epid. i immun. 33 no.1:72-79 Ja '62. (MIRA 15:3)

(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

L 42067-65 EWT(l)/EWA(j)/EWA(b)-2 JK

ACCESSION NR: AP5010902 UR/0254/65/000/007/0092/0093

AUTHORS: Markovich, A. V.; Vorob'yev, A. A.; Vasil'yev, N. N.; Patrikeyev, G. T.; Yenichev, V. M.; Zybin, V. D.; Kornev, I. S.; Shevelev, V. K.; Anan'yeva, Yo. P.

TITLE: Botulitic anatoxins of types A and B. Class 30, No. 169751

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 7, 1965, 92-93

TOPIC TAGS: anatoxin, toxic substance, botulism, inoculation

ABSTRACT: This Author Certificate presents botulitic anatoxins, purified, concentrated, and sorbed with aluminum hydroxide. To produce in the blood of the inoculated people the antitoxic titers of types A and B and of the order 1-3 AE/ml, one ml of each preparation is made to contain 1000 antigenic units (EC per one AE) of the corresponding anatoxins with specific activity of no less than 3000 EC/1 mg of total nitrogen and not over 3.5 mg of aluminum hydroxide.

ASSOCIATION: none

SUBMITTED: 18May60 ENCL: 00 SUB CODE: LS
NO REF SOV: 000 OTHER: 000
Card 1/1 dm

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

MORDUYEV, A.A.; VASIL'YEV, N.N.; PATRIKEYEV, G.T.; ZYBIN, V.D.; KORNEV, I.S.; ANAN'YEVA, Ye.P.; Prinimali uchastiye: ANDROSHCHUK, S.M.; IGONINA, Yu.S.; SHMELEV, V.M.; MORDUYEVA, A.A.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.; CHERNOVA, Yu.S.; POYARKOVA, M.A.

Study of botulin anatoxins. Report No.1: Botulin anatoxin type A. Zhur. mikrobiol., epid. i immun. 32 no.9:31-36 S '61. (MIRA 15:2)
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

VORODIN, V.I.; VASIL'YEV, N.N.; YENICHEV, V.M.; PATRIKEYEV, G.T.; SHEVELEV, V.M.; ZYBIN, V.D.; KORNEV, I.S.; ANAN'YEVA, Ye.P. Prinimali uchastiye: ANDROSHCHUK, S.M.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.; CHERNOVA, Yu.S.; POYARKOVA, M.A.; IGONINA, Yu.A.; MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.2: Botulin anatoxin type B. Zhur.mikrobiol., epid. i immun. 32 no.10:68-72 O '61. (MIRA 14:10)
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

VLASOV, Naum Il'ich; SAUTIN, Ivan Alekseyevich; ZYBIN, V.G., inzh., retsenzent; RUBANCHIK, Ya.A., ekonomist, red.; TKACHUN, A.I., red.izd-va; UVAROVA, A.F., tekhn.red.; MODEL', B.I., tekhn.red.

[Organization and planning of material and technical supply and marketing of machinery plants] Organizatsiia i planirovanie material'no-tekhnicheskogo snabzheniia i sbyta mashinostroitel'nykh predpriiatii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 310 p. (MIRA 13:2)
(Machinery industry) (Industrial management)

7646. ZYBIN, V. G. -- Kholodnaya shtampovka v mashinostroyenii. pod red. V. D. Golovleva. M., mashgiz, 1954. 280 s. s ill. 27 sm. 8,000 ekz. 13R. 50K. v per. -- pered zagl. avt: G. N. Rovinskiy, S. V. Alabin, V. V. Fillippov, K. A. Kalachev i V. G. Zybin. -- Bibliogr: s. 278(30 nazv.) --(55-3908)P

621.96 & (016.3)

SO: Knizhnaya Letopsis', Vol. 7, 1955

ZYBIN, Vladimir L'vovich; DAVITASHVILI, Mikhail Danilovich; SAVZDARG, V.E., red.; DEYEVA, V.M., tekhn.red.

[Tat'iana Chkhaidze, prominent tea grower] Znatnyi chaevod Tat'iana Chkhaidze. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 70 p. (MIRA 14:1)

(Georgia--Tea)

FADEYEV, Sergey Pavlovich[deceased]; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; POKROVSKIY, A.M., kand. tekhn. nauk, dots., nauchn. red.; FUFAYEVA, G.I., red.

[Preparation of a course project on machine parts] Kursovoe proektirovanie detalei mashin. Moskva, Vysshaia shkola 1964. 302 p. (MIRA 18:2)

1. Zaveduyushchiy kafedroy "Detali mashin" Vsesoyuznogo zaochnogo mashinostroitel'nogo instituta (for Zybin).

ZYBIN, Yu., inzh.

Assembly of a gasholder with a capacity of 20,000 m^3 made of rolled stock. Prom. stroi. i inzh. soor. 4 no.1:40-43 Ja-F '63. (MIRA 16:3)
(Gasholders)

SOLOV'YEV, F.A., inzh.; ZYBIN, Yu.I., inzh.

Erection of poles of electric transmission lines using an auxiliary tower. Mont. i spets. rab. v stroi. 25 no.5:19-21 My '63.
(MIRA 16:7)

1. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya i trest Krovorozhstal'konstruktsiya.
(Electric lines—Poles and towers)

ZYBIN, Yu.I.; SOLOV'YEV, F.A., inzh.

New method of erecting the supports for electric power transmission lines and installations of the tower type. Prom. stroi. 41 no.11:32-35 N '63. (MIRA 17:2)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut Ukrglavstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.; SOLOV'YEV, F.A., inzh.

Ways to improve the design details and methods of assembling the gas purification of a blast furnace. Prom. stroi. 40 [i.e. 41] no.4:46-49 Ap '63. (MIRA 16:3)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu stal'nykh konstruktsiy i mostov.
(Blast furnaces—Equipment and supplies)
(Gases—Purification)

KOCHETKOVA, T.S., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Effect of leather topography on the lowering of strength in stretching after a needle puncture. Izv. vys. ucheb. zav.; tekh. leg. prom. no.2:97-104 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvi.
(Leather--Testing)

KOCHETKOVA, T.S., inzh.; PROKHOROVA, Z.V., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Scientific method of designing the inside shape of footwear. Izv. vys.ucheb.zav.; tekh.leg.prom. no.2:50-57 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.
(Shoe manufacture)

ANOKHIN, D.I., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Studying the moldability properties of shoe upper blanks. Izv.vys. ucheb.zav.; tekh.leg.prom. no.2:67-72 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.
(Shoe manufacture)

PEREL'MITER, V.I., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Method for investigating the deformation of shoe uppers. Izv.vys. ucheb.zav.; tekh.leg.prom. no.5:64-69 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii izdeliy iz kozhi.
(Shoe manufacture) (Strength of materials)

ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Early Russian footwear from the 12th to the 16th century. Report No.3: Footwear found in Moscow excavations in 1953. Izv.vys.ucheb.zav.; tekh.leg.prom. no.5:84-85 '60. (MIRA 13:11)
(Moscow Province--Antiquities) (Boots and shoes)

ZYBIN, Yu.P., doktor tekhnicheskikh nauk, professor; STESHIN, I.I., retsenzent; VLADOMIROV, A.P., retsenzent.

[Technology of footwear] Tekhnologiia obuvi. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, 1953. (MLRA 7:6)

(Shoe industry)

ZYBIN, V.P., dots.; ROMANOV, M.Ya., inzh.

Investigating auromatic drive switches in semiautomatic sewing machines of 18th, 25th, and 29th grades. Izv.vys.ucheb.zav.; tekh.leg.prom. no.5:119-129 '58. (MIRA 12:2)

1. Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti.
(Sewing machines) (Automatic control)

DODONOV, B.P.; ZYBIN, V.P., prof., red.

[Hoisting and conveying devices; manual for students specializing in mechanics and technology] Pod"emno-transportnye ustroistva; uchebnoe posobie dlia mekhanicheskikh i tekhnologicheskikh spetsial'nostei. Moskva, Vses. zaochnyi in-t tekstil'noi i legkoi promyshl., 1964. 159 p. (MIRA 18:5)

ARKHIPOV, Nikolay Nikolayevich; KARPACHEV, Pavel Spiridonovich; MAYZEL', Maks Mikhaylovich, doktor tekhn. nauk, prof.; PLEVAKO, Nikolay Alekseyevich; ZAYCHIKOVSKIY, A.D., doktor tekhn. nauk, prof., retsenzent; ZOLOTOV, V.I., inzh., retsenzent; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; KAPUSTIN, I.I., doktor tekhn. nauk, prof., retsenzent; KOZLOV, B.A., inzh., retsenzent; POPOV, S.M., doktor tekhn. nauk, prof., retsenzent; EPPEL', S.S., kand. tekhn.nauk, dots., retsenzent; MINAYEVA, T.M., red.; SHVETSOV, S.V., tekhn. red.

[Basic processes, machinery, and apparatus of light industry] Osnovnye protsessy, mashiny i aparaty legkoi promyshlennosti. [By] N.N.Arkhipov i dr. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 491 p. (MIRA 15:2)
(Industry)

ZYBIN, V.P.

[redacted]

[Shoe machinery and tools] Mekhanizmy i instrumenty obuvnykh mashin. Moskva, Gos.izd-vo Ministerstva legkoi i pishchevoi promyshlennosti, 1953. 150 p. (MLRA 7:2)
(Shoe machinery)

FADEYEV, Sergey Pavlovich [deceased]; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; POKROVSKIY, A.M., kand. tekhn. nauk, dots., nauchn. red.; KOLODYAZHNAYA, Zh.A., red.

[Design of machine parts; collection of problems] Raschety detalei mashin; sbornik zadach. Moskva, Vysshaia shkola, 1964. 180 p. (MIRA 18:3)

1. Zaveduyushchiy kafedroy "Detali mashin PTU" Vsesoyuznogo zaochnogo instituta tekstil'noy i legkoy promyshlennosti (for Zybin).

KORNEV, I.S.; YENICHEV, V.M.; MORDUYEVA, A.A.; IGONINA, Yu.A.; PATRIKEYEV, G.T.; ANDROSHCHUK, S.M.; ZYBIN, V.D.; SHISHULINA, L.M.

Culture media other than meat extracts for the preparation of A and B botulin anatoxins. Vak. i syv. no.1:3-11 '63.
(MIRA 18:8)

PHASE I BOOK EXPLOITATION SOV/3589

Sbornik radiokhimicheskikh i dozimetricheskikh metodik (Collection of Radio-Chemical and Dosimetric Methods) Moscow, Medgiz, 1959. 459 p. Errata slip inserted. 9,000 copies printed.

Eds. (Title page): N.G. Gusev, U.Ya. Margulis, A.N. Marey, N.Yu. Tarasenko, Yu.M. Shtukkenberg; Ed. (Inside book): V.I. Labarnov; Tech. Ed.: A.I. Zakharova.

PURPOSE: This collection of articles is intended for physicists, sanitation and public health doctors, chemists and other specialists working in radioactive dosimetry.

COVERAGE: This work discusses the following subjects: (1) principles of organizing sanitation and dosimetric control in institutions where work is carried on with radioactive substances; (2) radio-chemical and chemical methods for determining certain radioactive substances in samples of air, water, soil and foodstuffs; (3) physical methods of measuring contamination of the air by radioactive gases and aerosols, and methods for determining the level of contamination of working surfaces, clothes and leather coverings; (4) methods of measuring external streams of x- and gamma-radiation, and methods of individual dosimetric monitoring; (5) Absolute and relative methods of measuring the activity of solid and liquid radioactive sources. There are four appendixes dealing with methods of calculating the total dosage from sources of ionizing radiation, units of activity, and doses from natural (background) radioactivity in the calcium of foodstuffs. Sanitary regulations observed during transportation, storage, and handling of radioactive substances are discussed, as well as the permissible level of ionizing radiation. The editors thank Yu.V. Sivintsev and D.F. Shirshov. References appear at the end of each chapter.

ZYBIN, Yuriy Antonovich, inzh.; SAMOSATSKIY, Nikolay Nikolayevich, inzh.

[Filled fluoroplasts] Napolnennye ftoroplasty. Kiev, Tekhnika, 1965. 73 p. (MIRA 18:10)

ZYBIN, Yu.I., inzh.; GUT, A.M., inzh.; SOLOV'YEV, F.A., inzh.

Rapid erection of a head frame during the reconstruction of a mine. Shakht.stroi. 8 no.1:21-23 Ja '64. (MIRA 17:4)

1. Trest Krivorozhstal'konstruktsiya (for Gut). 2. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu. I., inzh.; SOLOV'YEV, F. A.

Assembly of cylindrical wells made of precast reinforced concrete. Prom stroi 41 no. 12:32-33 D '63. (MIRA 17:5)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.

Experiment in the installation of a coal loader. Prom.stroi. 41 no.9:8-10 S '63. (MIRA 16:11)

1. Trest Krivorozhstal'konstruktsiya.

ZYBIN, Yu.I., inzh.

Use of an ejector in testing welded seams. Mont. i spets. rab. v stroi. 24 no.8:24-25 Ag '62. (MIRA 15:8)

1. Trest Krivorozhstal'konstruktsiya.
(Air ejectors)

ZYBIN, Yu.P., professor; AINAYUK D.A., kandidat tekhnicheskikh nauk; GRUVER, M.G.

Lengthening the wear of shoes by a new last design. Leg.prom.14 no.5: 18-19 My '54. (MLRA 7:6)
(Boots and shoes)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu. P.

IVANOV, B., inzhener.

"Technology of shoemaking." IU.P.Zybin. Reviewed by B.Ivanov. Leg.prom. 14 no.8:52-54 Ag '54. (MLRA 7:8)
(Shoe industry) (Zybin, IU.P.)

ZYBIN, Yuriy Petrovich, doktor tekhnicheskikh nauk, professor; STESHOV, I.I., retsenzent; VINOGRADOV, A.P., retsenzent; MINAYEVA, T.M. redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor.

[Technology of footwear] Tekhnologiia obuvi. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, Pt. 2, 1955. 446 p. (MLRA 8:10)
(Shoe industry)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.P., prof.

Designing a series of lasts and footwear based on the "geometrical" rule. Leg. prom. 16 no.8:38-42 Ag '56. (MIRA 10:12)
(Lasts) (Shoe industry)

KOZLOVA, T.V.; ZYBIN, Yu.P.

Design of shaped upper parts. Leg.prom.[16] no.11:25-27 N '56.
(Shoe industry) (MLRA 10:1)

KOTEL'NIKOV, V.N., kand.tekhn.nauk; CHENTSOVA, K.I., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk; KOCHETKOVA, T.S.; ZAKATOVA, N.D., kand.tekhn.nauk; GUBAREV, A.S., kand.tekhn.nauk; SHVETSOVA, T.P., inzh.; VOROB'YEVA, A.A., kand.tekhn.nauk; MIRSKIY, V.I., inzh.; NISNEVICH, Ye.A., kand.tekhn.nauk; GOL'DSHTEYN, A.V., inzh.; KALASHNIKOVA, T.A., inzh.; SHUSTOROVICH, M.L., kand.tekhn.nauk; MOREKHODOV, G.A., inzh.; ZAKHAROV, S.R., retsenzent; BLAGOVESTOV, B.K., retsenzent; STRONGINA, O.P., retsenzent; SHMIDT, M.I., retsenzent; ZUYEV, V.T., retsenzent; KOSAREV, M.I., retsenzent; STEPANOV, I.S., retsenzent; RAMM, S.N., retsenzent; PEVZNER, B.M., retsenzent; VEYNBERG, I.A., retsenzent; TURBIN, A.S., retsenzent, SMIRNOVA, Ye.V., retsenzent; BUGOSLAVSKAYA, L.A., retsenzent; GAMOVA, A.S., retsenzent; KHANIN, N.M., retsenzent; MURVANIDZE, D.S., red.; PLEMYANNIKOV, M.N., red.; GRACHEVA, A.V., red.; MEDVEDEV, L.Ya., tekhn.red.

[Shoemaker's handbook] Spravochnik obuvshchika. Vol.1. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl. 1958. 540 p. (MIRA 12:4)

1.Gosudarstvennaya Ordena Lenina i Ordena Trudovogo Krasnogo Znameni obuvnaya fabrika "Skorokhod" imeni Ya.Kalinina (for Zakharov, Blagovestov, Strongina, Shmidt, Zuyev, Kosarev, Stepanov, Ramm, Pevzner, Veynberg, Turbin, Smirnova, Bugoslavskaya, Gamova, Khanin).
(Shoe manufacture)

TRIBOM, L.I., inzh.; ZYBIN, Yu.P., prof.

Factors affecting the finish quality of leather sole butts.
Izv. vys.ucheb.zav.; tekh.leg. prom. no.1:67-73 '58. (MIRA 11:6)

1.Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Shoe manufacture)

BARYKIN, A.M., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk

Regularity in the distribution of usable parts of suslik skins. Izv. vys. ucheb. zav.; tekh. leg. prom. no.3:14-24 '58.
(MIRA 11:10)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. (Fur)

ZYBIN, Yu.P., prof., doktor tekhn. nauk.

Ancient Russian footwear from the 12th to the 14th centuries.
Izv.vys.ucheb.zav.; tekh.leg.prom. no.4:36-44 '58. (MIRA 11:12)

1.Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Boots and shoes)

ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Ancient Russian footwear from the 12th to 16th century. Izv.vys. ucheb.zav.; tekh.leg.prom. no.6:33-40 '58. (MIRA 12:4)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Shoe industry)

ZYBIN, Yu.P., doktor tekhn.nauk, prof.; SANTALOVA, Z.V., kand.tekhn.nauk

Forming conditions of chrome-tanned leather surfaces. Leg.prom. 18 no.4:24-27 Ap '58. (MIRA 11:4)
(Leather work)

AKULOVA, T.Ye.; UL'YANITSKIY, V.A.; ZYBIN, Yu.P.

Measuring deformations with a mercury strain gauge. Leg.prom. 18 no.6:23-26 Je '58. (MIRA 12:10)
(Strain gages) (Shoe industry)

ZUBIN, Yu.P.; PRIBORA, L.I.

Polishing the bottom side of leather sole. Leg.prom. 18 no.12: 15-17 D '58. (MIRA 11:12)

(Shoe manufacture)

ZYBALOVA, G.P.

Changes in the permeability of Angren coal during the process of its drying and heat treatment. Podzem.gaz.ugl. no.1:28-31 '58.
(MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut podzemnoy gazifikatsii ugley.
(Coal--Permeability)

GOLUBEV, Yu.B.; ZYBALOVA, G.P., kand.tekhn.nauk; PETUKHOVA, N.N.; SHCHAD'KO, A.M.

Gas formation dynamics in the gasification of a lignite seam at the experimental "Podzemgaz" gas generator station in the Angren Basin. Trudy VNIIPodzemgaza no.13:11-17 '65.

(MIRA 18:8)

1. Laboratoriya tekhnologii podzemnoy gazifikatsii uglya Vsesoyuznogo nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii ugley.

BOLTANOVA, Z.M.; ZYBALOVA, R.F.

Detection of bacterial pollution of preserved blood and its components. Gemat. i perel. krovi 1:125-128 '65. (MIRA 18:10)

1. Kiyevskiy institut perelivaniya krovi i Kiyevskaya gorodskaya stantsiya perelivaniya krovi.

ZYBAREV, A.; PAKHOLKOV, D.

New heating system for the ZIL-158 motorbusses. Avt.transp. 38 no.1:40-41 Ja '60. (MIRA 13:5)
(Motorbusses)

ZIDARIS, A. V.

Technology

Preparation of production at an automobile plant, Moskva, Mashgiz, 1950

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

ZYBAYLO, A.V.

Simplifying the handling and form of technical records. Avt.trakt.prom. no.11:4-6 N '54. (MLRA 8:1)

1. Moskovskiy avtozavod im. Stalina.
(Automobile engineering) (Factory management)

ZYBAYLO, Aleksey Vasil'yevich; SHEVELEV, A.G., inzh., retsenzent; LEVINSON, Ye.M., inzh., red.; RADAYEVA, Z.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Organizing preliminary activities in the mass manufacture of machinery] Organizatsiia podgotovki proizvodstva v massovom mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 234 p. (MIRA 14:9)

(Factory management)

ZYBAYLO, I.V.

Ways of lowering the production costs in chemical working circles. Gidroliz. i lesokhim.prom. 10 no.5:23-24 '57. (MLRA 10:8)

1.Ivatsevichskiy khimleskhoz.
(White Russia--Forest products--Costs)

UVAROVA, Z.A.; KOROL', G.S.; ZYBENKO, L.D.; GERASIMENKO, G.

Effect of ammonium carbonate on certain physiological features in corn. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.1:52-56 '61. (MIRA 14:4)

(Ammonium carbonate—Physiological effect)
(Corn (Maize))

ZYBIN, A.

More production with less spending. MTO no.11:17-18 N '59.
(MIRA 13:4)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva sel'skogo i lesnogo khozyaystva zernosovkhoza "Grachevskiy," Stavropol'skiy kray.
(Stavropol Territory--Agricultural research)

USSR/Farm Animals - Domestic Fowls

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26248

Author : ~~Zybin N.~~
Inst : Not Given
Title : A Valuable Animal Feed for Fowls (Tsennyy zhivotnyy korm dlya ptitsy)

Orig Pub : S. kh. Sibiri, 1957, No 5, 61-65

Abstract : An experiment was carried out in the raising of chicks by supplementing feed rations with fresh-water shrimp (Gammarus). Feeding fresh shrimps to the chicks started from 2-3 days of age. Daily average per head was: during the first ten days 2-4 g., during the next ten days 4-8 g., subsequent ten days 8-12 g., at 2 months of age 20 g., at 3 months 30 g., and grown-up chicken 60-70 g. of fresh, or 15-18 g. of dried shrimps. The feeds had a positive influence on the growth, development, and survival of the young chickens. There was no chicken post in the experimental group of 840 heads. The average chickens' weight at 2 months of age was 693 g. as

Card : 1/2

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26248

against 651 g. in the control group; young hens started laying eggs at 5 months of age - earlier then in the control group. The article gives available published data regarding the effectiveness of the use of Gammarus as a food for chickens. The ways of catching and drying Gammarus in the summer and winter, as well as the economical profitableness of its utilization, are indicated.

KOMAROV, V.S., inzh.; ZYBIN, A.G., inzh.

Control and protection of double fans in local ventilation. Izv. vys. uchab. zav.; gor. zhur. no.8:162-167 '61. (MIRA 15:5)

1. Vostochnyy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoy promyshlennosti. Rekomendovana Vostochnym nauchno-issledovatel'skim institutom po bezopasnosti rabot v gornoy promyshlennosti.
(Fans, Electric)

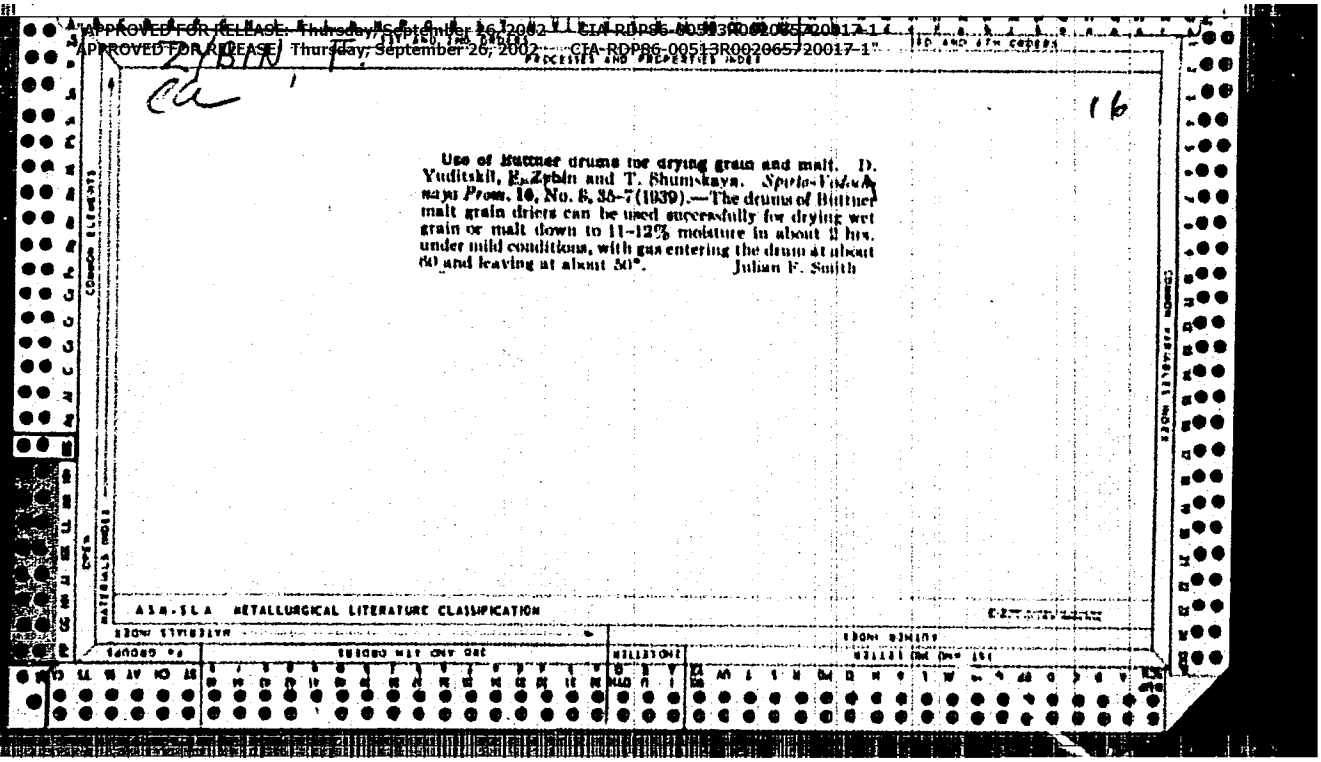
ZYBIN, A. S.: Master Biol Sci (diss) -- "The lake crawfish (Gammarus Rivulogammarus lacustris G. O. Sars) and the outlook for its economic exploitation on the basis of experimental data". Omsk, 1958. 25 pp (Tomsk State U im V. V. Kuybyshev), 200 copies (KL, No 6, 1959, 129)

ZYBIN, A.S.

The pike perch in the Irtysh. Izv. Omsk. otd. Geog. ob-va no.6: 119-120 '64. (MIRA 18:9)

YASENEVA, R.V.; ZYBIN, A.Yu.

Method for determining velocity of the lower clamps of the RT-250 tearing machine used in testing fabrics. Kozh.-obuv.prom. no.4: 17-19 Ap '59. (MIRA 12:7)
(Testing machines) (Textile fabrics--Testing)



Use of Büttner drums for drying grain and malt. D. Yuditskii, E. Zebin and T. Shumskaya. *Spirto-Vodochnaya Prom.* 10, No. 6, 35–7(1939).—The drums of Büttner malt grain driers can be used successfully for drying wet grain or malt down to 11–12% moisture in about 2 hrs. under mild conditions, with gas entering the drum at about 80 and leaving at about 50°. Julian F. Smith

16

BIBIN, I. (Moskva)

Let's remunerate locomotive brigades per each kilometer-ton.
Sots.trud. no.4:136-137 Ap '58. (MIRA 11:4)
(Railroads--Salaries,pensions,etc.)

ZYBIN, I.

The wage schedule for locomotive brigades requires revision. Sots.trud.no.3: 112-115 Mr '56. (MLRA 9:7)

(Railroads--Salaries, pensions, etc.)

ZYBOV, A.M., polkovnik meditsinskoy sluzhby; ZYBIN, N.V., polkovnik meditsinskoy sluzhby

Diagnosis and expertise of patients with some gastric and duodenal diseases. Voen.-med.zhur. no.9:27-42 '64. (MIRA 18:5)

ZYBIN, Yu.A.; SAMSONOV, V.G.; KHARAKHASH, V.G.; DORFMAN, E.M.

Lined plastics and their testing. Plast. massy no.7:64 '65. (MIRA 18:7)

PHASE I BOOK EXPLOITATION 149

Akademiya nauk SSSR. Institut nauchnoy i tekhnicheskoy informatsii

Pribory i stendy. Tema 5, No. P-56-475 (Instruments and Instrument Stands. Topic 5, No. P-56-475) Moscow, 1956, 10 p. 1,620 copies printed.

Additional Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov SSSR po novoy tekhniki.

Chief Ed.: Udal'tsov, A. N.; Ed.: Yakovlev, D.A., Engineer.

PURPOSE: This booklet is addressed to those interested in the technique and metering instruments used in the measurement of very low resistances and to earth physicists interested in metering technique in measuring the susceptibility of rock samples.

COVERAGE: The booklet contains two articles, one describing a pulse microhmmeter, the other an absolute permeability meter.

Card 1/3

TABLE OF CONTENTS:

The article describes an instrument for measuring very low contact resistances (on the order of 1 michrohm). Such meters are used, for example, in measuring bus connection resistances on the order of 0.1 to 5 michrohms. The ammeter-voltmeter method for obtaining a visible deflection of the needle on a 10 mv scale is described. The method requires very high testing currents, on the order of 100 amperes when measuring 1 microhm. The author describes the microhmmeter developed by him at the "Uralelektroapparat" factory (author's certificate No. 94385). The operating principle of the instrument is based on the generation of high current (200 to 300 amperes) pulses. Fig. 1 is a circuit diagram of a microhmmeter for measuring low resistances (from 2 to 5,000 microhms) under shop conditions. Fig. 2 is a circuit diagram of a microhmmeter for measuring low resistances (in the $0.1 \cdot 10^{-6}$ to 10 ohm range) in a closed circuit through the secondary coil of a stepdown transformer. Fig. 3 is a photograph of the apparatus used for checking the contact system of the MKP-110 oil circuit breaker. Fig. 4 is a structural and connection diagram of the instrument used to check the contact system of the VMG-133/111 oil circuit breaker. A table of pulse transformer coil winding data is given.

There is one Soviet reference.

Zybin, K. Yu. An Absolute Permeability Meter 9

This instrument was developed by A.G. Kalashnikov at the Institute of Earth Physics, AN SSSR. The report is accompanied by a schematic diagram of the fluxmeter in circuit. Formulas are given for calculating susceptibility, flux, etc. The design and principle of operation of the instrument are described. The instrument is used in measuring the susceptibility of rock samples. There are no references.

AVAILABLE: Library of Congress

Card 3/3

JP/mas
11-5-58

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

KALASHNIKOV, A. G., ZEBIN, K. Ya.

"Some results of observing the variation vector of the horizontal component of the geomagnetic field."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

"Some laws in the behaviour of the vertical component of short-period oscillations of the geomagnetic field of stable regime (Pc)."

report presented at the Intl. Association of Geomagnetism and Aeronomy, Symposium on Rapid Geomagnetic Variations, Utrecht, Netherlands, 1-4 Sep 59.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

S/049/60/000/02/006/022
E131/E459

AUTHOR: Kalashnikov, A.V. and Zybin, K.Yu.

TITLE: Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1960, Nr 2, pp 236-242 (USSR)

ABSTRACT: The investigations were carried out by the Station "Borok" of the Institute of Physics of the Earth, Academy of Sciences USSR (58°02 N and 38°58 E). A three-component assembly was employed giving the variations of H_x, H_y and Z of the geomagnetic field. The vertical component was recorded by means of a mesh placed horizontally in the earth, the total surface of which was 15700 m^2. The sensitivity of the Z-channel was 1.4×10^{-2} γ/mm. Examples of recordings of the variations of all three components are illustrated in Fig 2. Vector diagrams of the variations of the horizontal components were plotted showing the amplitudes of the components H_x and H_y for a given instant (Fig 3). The curves thus obtained enclose an elongated area, the azimuth of the longer

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

S/049/60/000/02/006/022
E131/E459

Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

axis having predominantly a direction NW to SE, ie the mean azimuth was found to be 38° (Fig 4). It was found that the diurnal rotation of the vector was predominantly anti-clockwise. Out of 456 cases, 258 rotations were anti-clockwise, 146 clockwise and 52 were variable (Fig 5, 6 and 7). The diagram of the relationships

E_x/H_y, E_y/H_x and $E/H = \sqrt{E_x^2 + E_y^2} \Big/ \sqrt{H_x^2 + H_y^2}$

was also produced (Fig 8) in order to illustrate the relationship between the amplitude of the variations of the electric field and those of the magnetic field. The cause of these variations could be the effect of electric eddies in the ionosphere at the heights of 100 km and

IX

809'4
S/049/60/000/02/006/022
E131/E459

Some Results of Investigating the Variations of the Horizontal Component of the Geomagnetic Field (From Observations During the I.G.Y.)

above. There are 8 figures and 1 Soviet reference.

ASSOCIATION: Akademiya nauk SSSR Institut fiziki Zemli
(Academy of Sciences, Institute of Physics of the Earth)

SUBMITTED: August 6, 1959

Card 3/3

82706

S/049/60/000/006/002/002
E073/E535

3.9000

AUTHORS: Bol'shakova, O.V., Zybin, K. Yu. and Mal'tseva, N.F.

TITLE: Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1960, No.6, pp.818-827 + 1 plate

TEXT: The authors evaluate the results of observations carried out in the following three geophysical stations of the Institute of Physics of the Earth, AS, USSR during the first six months (August, 1957 to January, 1958) of the I.G.Y.: Lovozero (Murmansk region) - 67° 58' northern latitude, 35° 05' eastern longitude); Borok (Yaroslav region) - 58° 02' northern latitude, 38° 58' eastern longitude; Petropavlovsk-Kamchatskiy - 53° 06' northern latitude, 158° 38' eastern longitude.
The primary evaluated data are the 24 hour photographic recordings of fluxmeter induction apparatus with a 90 mm/hr scanning speed.
Card 1/4

82706

S/049/60/000/006/002/002
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (In accordance with observations carried out during the I.G.Y.)

The authors investigated the frequency spectrum of the field of the short period fluctuations, the daily characteristic of the times of occurrence of short period fluctuations, the daily characteristic of the average maximum amplitude of the short period fluctuations and their behaviour as a function of the geographic distribution of the observation points. The data are described in considerable detail. For the purpose of elucidating generally valid amplitude relations, the authors introduce the term "degree of Pc activity" and investigate its behaviour. The degree of Pc activity was selected in the same way as the international geomagnetic activity characteristics. However, in the given case the amplitude of fluctuations with periods of 10 to 50 secs during each hour of the 24 hour day was evaluated at 0.1 to 2 Balls. On the basis of the obtained results the following conclusions are arrived at:
1) The short period fluctuation spectrum in the range between

82706

S/049/60/000/006/002/002
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

10 and 90 secs is a discrete one, the probability of appearance of fluctuations differs for differing periods.
2) According to the daily characteristic of the number of cases of occurrence of short period fluctuations of various periods, the spectrum can be divided into groups of 20 to 30 and 60 to 90 secs monitored ("controlled") according to local time and a 40 secs group monitored ("controlled") by world time.
3) The daily characteristic of the average maximum amplitude of the short period fluctuations of various periods obeys a general law and is monitored in accordance with local time.
4) The group of fluctuations with periods between 60 and 90 secs observed at the station Borok obeys laws similar to those pertaining to the Pc type fluctuations.
5) The degree of activity Pc evaluated according to 3-ball scale enables comparing the relations governing the behaviour of short period fluctuations of the Pc type with appreciably differing

82706
S/049/60/000/006/002/002
E073/E535

Certain Relations Governing the Behaviour of the Vertical Component of the Short Period Fluctuations of the Stable Regime Geomagnetic Field (Pc) (in accordance with observations carried out during the I.G.Y.)

amplitudes at various stations. The degree of activity Pc has a clearly pronounced daily variation with a half-daily maximum. It proceeds in accordance with the local time, it has a seasonal character and indicates a tendency towards a latitude shift, i.e. the maximum degree of activity Pc will occur earlier at the stations in the higher latitudes.

6) Disturbances with periods below 50 secs should be subdivided into proper PcA disturbances and disturbances of the same period which occur in absence of stable fluctuations of the given period (the latter is particularly characteristic for polar stations).

Acknowledgments are expressed to G. N. Petrova who directed the work and to the following who jointly with the personnel of the geophysical stations participated in evaluating the obtained experimental material: G.M.Solodovnikov, K.Ya. Sergyeva, L.V. Kopeleva, L.V.Pestretsova, V.V.Sperantov, L.A.Nabatnikova and R.S. Rybak. There are 12 figures and 2 tables.
ASSOCIATION: Akademiya nauk SSSR,Institut fiziki Zemli (Academy of Sciences USSR, Institute of Physics of the Earth)
Card 4/4
SUBMITTED: August 6, 1959

ZYBIN, K. YU., SHEPETNOV, R.V., ROKITYANSKAYA, D.A., TROITSKAYA, V.A., and ROKITYANSKY, I.I.,

"The Connection of Pc and Pt Pulsations with Magnetic Storms,"

report presented at the Intl. Conference on Cosmic Rays and Earth Storms, Kyoto, Japan, 4-15 Sept 1961.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

PHASE I BOOK EXPLOITATION SOV/5215

Akademiya nauk SSSR. Mezhduvedomstvennyy komitet po provedeniyu Mezhdunarodnogo geofizicheskogo goda. III razdel programmy MGG: Zemnoy magnetizm i zemnyye toki.

Korotkoperiodicheskiye kolebaniya elektromagnitnogo polya zemli (Short-Period Oscillations of the Earth's Electromagnetic Field) Moscow, Izd-vo AN SSSR, 1961. 114 p. 1,800 copies printed (Series: Its: Sbornik statey, No. 3)

Resp. Eds.: A. G. Kalashnikov, Doctor of Physics and Mathematics, and V. A. Troitskaya, Candidate of Physics and Mathematics; Ed.: Ye. P. Shchukina; Tech. Ed.: Ye. V. Makuni.

PURPOSE: This publication is intended for geophysicists.

COVERAGE: This collection of articles, published by the Interdepartmental IGY Committee of the USSR Academy of Sciences, treats problems of geomagnetism and telluric currents. Individual articles deal with various (short-period, gigantic,

Card 1/5

steady, etc.) oscillations of the terrestrial electromagnetic field, particularly in the arctic region. No personalities are mentioned. Brief English abstracts accompany each article. References follow individual articles.

TABLE OF CONTENTS:

29886
S/169/61/000/009/047/056
D228/D304

3.9110 (1124, 1482)

AUTHORS: Barsukov, O. M., and Zybin, K. Yu.

TITLE: The non-perpendicularity of the variation vectors for E and H of the earth's geomagnetic field

PERIODICAL: Referativnyy zhurnal. Geofizika, no. 9, 1961, 26, abstract 9G210 (Korotkoperiod. kolebaniya elektromagnitn. polya Zemli, no. 3, M., AN SSSR, 1961, 83-88)

TEXT: It is shown theoretically that for an anisotropic medium the principle of the mutual perpendicularity of vectors of electric and magnetic alternating fields is violated in horizontal directions. Recordings of short-period variations at the Lovozero and Borok stations were processed for experimental verification. The principal directions of vectors E and H, and their diurnal variation were determined for Lovozero; the perpendicularity deviation is $\sim 9^{\circ} \div 1^{\circ}$. Electromagnetic measurements of the impedance for different directions disclosed the anisotropy of the crust in the Lovozero area which, according to the calculations, should

Card 1/2

ZYBIN, K.Yu.; KLEIMENOVA, N.G.

Amplitude spectrum of micropulsations in the frequency range of 1 to 20 cps. Geomag. i aer. 5 no.6:1125-1126 N-D '65.
(MIRA 19:1)

1. Institut fiziki Zemli AN SSSR. Submitted March 26, 1965.

ACC NR: AT7007071

SOURCE CODE: UR/0293/66/004/006/0935/0936

AUTHOR: Zybin, K. Yu.

ORG: none

TITLE: Distribution of Alfvén velocity in the magnetosphere

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 6, 1966, 935-936

TOPIC TAGS: cold plasma, plasma density, magnetic field

SUB CODE: 20,22

ABSTRACT:

Alfvén velocity in the magnetosphere usually is computed using the formula $V_A = H/\sqrt{4\pi\rho}$, where H is magnetic field strength and ρ is the density of charged particles. The first computation of V_A was made by Dessler, assuming a monotonic decrease of plasma density with height and for the strength of a dipole field. However, Soviet space rockets revealed a sharp decrease of plasma density at geocentric distances $R = 4\text{-}5\ R_E$. Much more data now is available on this plasma density jump ("knee") near which the density of cold plasma decreases by several tens of times. Such a sharp decrease naturally should lead to a considerable increase of Alfvén velocity. The graph shows a second V_A maximum at $R = 4\text{-}5\ R_E$ and a region of relatively low values V_A bounded by two maxima. This has a number of corollaries important for an understanding of the nature of geomagnetic micropulsations. The region of decreased velocities can serve as an additional resonator for magnetoacoustic waves propagating isotropically in the exosphere. This resonator exists on

Card 1/2

UDC: 550.385.41

ACC NR: AP7007601

both the daytime and nighttime sides of the magnetosphere. This makes it possible to explain nighttime pulsations of the Pi2 type. There are three regions in the magnetosphere in which magnetoacoustic resonances are possible: a) a region bounded by the "knee" and the velocity jump at the boundary of the magnetosphere; b) a region between the "knee" and the maximum of the Alfvén velocity at $R \approx 1.5\ R_E$; c) a region whose boundaries are the ionosphere and the velocity maximum at $R \approx 1.5\ R_E$. These and other factors help in explaining a broad spectrum of simultaneously existing micropulsations with different periods.

[JPRS: 39,718]

Card 2/2

Properties and nature of geomagnetic micropulsations with periods from 10 seconds up to several minutes. Geomag. i aer. 5 no.3:494-498 My-Je '65. (MIRA 18:5)

1. Institut fiziki Zemli AN SSSR.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

ACC NR: AT5000765 SOURCE CODE: UR/0203/65/005/006/1125/1126

AUTHOR: Zybin, K. Yu.; Kleymenova, N. G.

ORG: Institute of Physics of the Earth, AN SSSR (Institut fiziki Zemli AN SSSR)

TITLE: Amplitude spectrum of micropulsations in the 1-20 cps frequency range

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 6, 1965, 1125-1126

TOPIC TAGS: geomagnetic field, geophysics

ABSTRACT: The paper is a report on observations of micropulsations in telluric currents at Garm, Tadzhik SSR, in the summer of 1961. Oscillograms of the natural electromagnetic field in the 1-20-cps frequency range show a complex pattern of irregular oscillations which defies analysis. To isolate the characteristic frequencies, several of the most typical recordings of micropulsations, lasting about 30 seconds each were analyzed on an M-20 computer. The resultant data were analyzed and a curve of the E_x spectral component was plotted as a function of amplitude. This spectrum shows that the natural electromagnetic field observed in the 1-20 cps range is the result of at least two distinct

Card 1/2

UDC: 550.385.37

UDC: 550.385.37

sources. The field energy diminishes smoothly and rather rapidly with increasing frequency in the first part of the spectrum, up to 5 cps. Above 5 cps, the field energy begins to oscillate with increasing frequency. The low-frequency part of the spectrum (up to 5 cps) corresponds to oscillations of the *Pc1* type, which have their origin in the exosphere. The maxima in the oscillations above 5 cps correspond to Schumann resonance frequencies of the earth-ionosphere cavity due to lightning flashes. Three clearly defined maxima are observed at 8.5, 14.5, and 21 cps. This spectrum is used to determine the *Q* of the earth-ionosphere resonance cavity, giving values of 3.4 for 8.5 cps and 3.2 for 14.5 cps, which agree satisfactorily with the data in the literature. Resonance oscillations in the middle latitudes are much stronger than in the polar regions, where fluctuations are weak and the amplitudes of the oscillations from 8 to 20 cps are nearly an order of magnitude lower than the amplitudes of geomagnetic micropulsations (1-3 cps). Orig. art. has: 1 figure. [14]

SUB CODE: 08,17/ SUBM DATE: 26Mar65/ ORIG REF: 002/ OTH REF: 002
ATD PRESS: 4181

Card 2/2 HW

ZYBIN, Kh., inzhener.

Operation recorder of the "Neptun" radar station. Mor.flot 17 no.3:24 Mr '57. (MLRA 10:3)

1. Elektronavigatsionnaya kamera Rizhskogo porta.
(Riga--Radar in navigation)
(Recording instruments)

ZARE, I. M., starshiy prepodavatel'

Conditions for convergence of a sequence of linear positive operators. Uch. zap. Kalin. gos. ped. inst. no.5:53-56 '58.
(MIRA 13:10)

(Operators (Mathematics)) (Convergence)

AUTHOR: [illegible] Prepodavatel'

Convergence of some sequences of linear operators to discontinuous functions. Uch. zap. Kalin. gos. ped. inst. no.5:57-63 '58. (MIRA 13:10)

(Convergence) (Operators (Mathematics)) (Functions, Discontinous)

SAVIN, N.V., kand.med.nauk, podpolkovnik meditsinskoy sluzhby

Basic questions on the pathogenesis, clinical picture, and treatment of brain insults. Voen.-med.zhur. no.9:11-17 S '59. (MIRA 13:1)
(CEREBRAL HEMORRHAGE)

KOBRIN, N.D., kandidat meditsinskikh nauk, polkovnik med.sluzhby

Basic principles of rehabilitative therapy following acute disorders in brain circulation. Voen.-med. zhur. no.5:26-30 My '60.
(MIRA 13:7)

(CEREBRAL HEMORRHAGE)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1

CA 7/45

11E

B complex avitaminosis. N. D. Zyrin. *Arkh. anat.* (U.S.S.R.) 24, No. 12, 45-58(1940).—During the war a no. of cases were observed in which disturbances of the circulatory system were combined with a more or less pronounced paresis of the extremities. It has been traced to B avitaminosis, particularly in respect to B_1. The most effective treatment was auto. of the organism with B_1 administered intravenously. Convalescence is very slow, 6 to 12 months. G. M. Kondakoff

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

GORODETSKIY, V.I., inzh.; ZYBIN, P.M., inzh.; ISAKOV, Yu.N., inzh.; D'YACHENKO, N.Kh., doktor tekhn.nauk, prof.; LIVENTSEV, F.L., kand.tekhn.nauk, dotsent; MEL'NIKOV, G.V., kand.tekhn.nauk, dotsent

A new gas pipe line compressor station with evaporation cooling of the gas motor compressors. Energomashinostroenie 10 no.1:27-29 Ja '64. (MIRA 17:4)

BOBOREKO, E.A.; KALYUZHNYY, M.Ya.; CHAYKA, N.D.; ABRAMOVICH, M.M.; SHILOV, Yu.P.; DRUZHININA, A.T.; ZYBIN, S.Ye. [deceased]; BATIKOV, L.S.

Improving the process of yeast growing on wood hydrolyzates. Gidroliz. i lesokhim.prom. 17 no.8:22-25 '64. (MIRA 18:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidrolizmoy i sul'fitno-spirtovoy promyshlennosti, Leningrad (for Boboreko, Kalyuznyy, Chayka, Abramovich). 2. Ivdel'skiy gidroliznyy zavod (for Shilov, Druzhinina, Zybin, Batikov).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

FISHER, F.N.; KEYL', I.A.; VOROB'YEVA, G.I.; SHVARSKHOYN, B.M.; ALYAMOVSKAYA, T.S.; ZYBIN, S.Ye.; DRUZHININA, A.T.; SHILOV, Yu.P.

Growing yeast on hydrolysates from coniferous wood. Gidrolis. i lesokhim. prom. 16 no.5:7-12 '63. (MIRA 17:2)

1. Moskovskoye otdeleniye Gosudarstvennogo nauchno-issledovatel'skogo instituta gidroliznoy i sul'fitno-spirtovoy promyshlennosti (for Fisher, Keyl', Vorob'yeva, Shvartskroyh, Alyamovskaya).
2. Ivdel'skiy gidroliznyy zavod (for Zybin, Druzhinina, Shilov).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

KOROL'KOV, I.I.; STRIZHEVSKAYA, I.S.; LIKHOVID, R.D.; PARAMONOVA, G.D.; ZYBIN, S.Ye.; BATIKOV, L.S.; DOLGOKHVOSTOV, I.A.

Experiments in the production of hydrolysates for growing yeast at the Ivdel' Hydrolysis Plant. Gidroliz. i lesokhim. prom. 16 no.5:3-7 '63. (MIRA 17:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidrolizanoy i sul'fitno-spirtovoy promyshlennosti (for Korol'kov, Strizhevskaya, Likhovid, Paramonova). 2. Ivdel'skiy gidroliznyy zavod (for Zybin, Batikov, Dolgokhvostov).

ZYBIN, S.Ye.

Horizontal percolation in the extraction-battery hydrolysis of wood. Gidroliz. i lesokhim. prom. 8 no.5:16-17 '55. (MLRA 9:1)

1.Director Khorskogo gidrolliznogo zavoda.
(Wood-Chemistry) (Hydrolysis)

Zybin, V. - "The fantastic and the Actual," (Concerning the speed-demon lathe-hand G. Borthevich. Sketch), Smena, 1949, No. 4, p. 4, with portrait.

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

VOROB'YEV, A.A.; VASIL'YEV, N.N.; SAMORODOV, L.M.; VORONTSOV, I.V.; PATRIKEYEV, G.T.; MAKARENKO, M.M.; Prinimali uchastiye: ANDROSHCHUK, S.M.; ZYBIN, V.D.; KORNEV, I.S.; NIKOLAYENKO, Yu.P.; CHERNOVA, V.A.; IGONINA, Yu.A.; MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.4: Botulin anatoxin type E. Zhur. mikrobiol., epid. i immun. 33 no.1:72-79 Ja '62. (MIRA 15:3)

(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

L 42067-65 EWT(l)/EWA(j)/EWA(b)-2 JK

ACCESSION NR: AP5010902 UR/0254/65/000/007/0092/0093

AUTHORS: Markovich, A. V.; Vorob'yev, A. A.; Vasil'yev, N. N.; Patrikeyev, G. T.; Yenichev, V. M.; Zybin, V. D.; Kornev, I. S.; Shevelev, V. K.; Anan'yeva, Yo. P.

TITLE: Botulitic anatoxins of types A and B. Class 30, No. 169751

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 7, 1965, 92-93

TOPIC TAGS: anatoxin, toxic substance, botulism, inoculation

ABSTRACT: This Author Certificate presents botulitic anatoxins, purified, concentrated, and sorbed with aluminum hydroxide. To produce in the blood of the inoculated people the antitoxic titers of types A and B and of the order 1-3 AE/ml, one ml of each preparation is made to contain 1000 antigenic units (EC per one AE) of the corresponding anatoxins with specific activity of no less than 3000 EC/1 mg of total nitrogen and not over 3.5 mg of aluminum hydroxide.

ASSOCIATION: none

SUBMITTED: 18May60 ENCL: 00 SUB CODE: LS
NO REF SOV: 000 OTHER: 000
Card 1/1 dm

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

MORDUYEV, A.A.; VASIL'YEV, N.N.; PATRIKEYEV, G.T.; ZYBIN, V.D.; KORNEV, I.S.; ANAN'YEVA, Ye.P.; Prinimali uchastiye: ANDROSHCHUK, S.M.; IGONINA, Yu.S.; SHMELEV, V.M.; MORDUYEVA, A.A.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.; CHERNOVA, Yu.S.; POYARKOVA, M.A.

Study of botulin anatoxins. Report No.1: Botulin anatoxin type A. Zhur. mikrobiol., epid. i immun. 32 no.9:31-36 S '61. (MIRA 15:2)
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

VORODIN, V.I.; VASIL'YEV, N.N.; YENICHEV, V.M.; PATRIKEYEV, G.T.; SHEVELEV, V.M.; ZYBIN, V.D.; KORNEV, I.S.; ANAN'YEVA, Ye.P. Prinimali uchastiye: ANDROSHCHUK, S.M.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.; CHERNOVA, Yu.S.; POYARKOVA, M.A.; IGONINA, Yu.A.; MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.2: Botulin anatoxin type B. Zhur.mikrobiol., epid. i immun. 32 no.10:68-72 O '61. (MIRA 14:10)
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

VLASOV, Naum Il'ich; SAUTIN, Ivan Alekseyevich; ZYBIN, V.G., inzh., retsenzent; RUBANCHIK, Ya.A., ekonomist, red.; TKACHUN, A.I., red.izd-va; UVAROVA, A.F., tekhn.red.; MODEL', B.I., tekhn.red.

[Organization and planning of material and technical supply and marketing of machinery plants] Organizatsiia i planirovanie material'no-tekhnicheskogo snabzheniia i sbyta mashinostroitel'nykh predpriiatii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 310 p. (MIRA 13:2)
(Machinery industry) (Industrial management)

7646. ZYBIN, V. G. -- Kholodnaya shtampovka v mashinostroyenii. pod red. V. D. Golovleva. M., mashgiz, 1954. 280 s. s ill. 27 sm. 8,000 ekz. 13R. 50K. v per. -- pered zagl. avt: G. N. Rovinskiy, S. V. Alabin, V. V. Fillippov, K. A. Kalachev i V. G. Zybin. -- Bibliogr: s. 278(30 nazv.) --(55-3908)P

621.96 & (016.3)

SO: Knizhnaya Letopsis', Vol. 7, 1955

ZYBIN, Vladimir L'vovich; DAVITASHVILI, Mikhail Danilovich; SAVZDARG, V.E., red.; DEYEVA, V.M., tekhn.red.

[Tat'iana Chkhaidze, prominent tea grower] Znatnyi chaevod Tat'iana Chkhaidze. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 70 p. (MIRA 14:1)

(Georgia--Tea)

FADEYEV, Sergey Pavlovich[deceased]; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; POKROVSKIY, A.M., kand. tekhn. nauk, dots., nauchn. red.; FUFAYEVA, G.I., red.

[Preparation of a course project on machine parts] Kursovoe proektirovanie detalei mashin. Moskva, Vysshaia shkola 1964. 302 p. (MIRA 18:2)

1. Zaveduyushchiy kafedroy "Detali mashin" Vsesoyuznogo zaochnogo mashinostroitel'nogo instituta (for Zybin).

ZYBIN, Yu., inzh.

Assembly of a gasholder with a capacity of 20,000 m^3 made of rolled stock. Prom. stroi. i inzh. soor. 4 no.1:40-43 Ja-F '63. (MIRA 16:3)
(Gasholders)

SOLOV'YEV, F.A., inzh.; ZYBIN, Yu.I., inzh.

Erection of poles of electric transmission lines using an auxiliary tower. Mont. i spets. rab. v stroi. 25 no.5:19-21 My '63.
(MIRA 16:7)

1. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya i trest Krovorozhstal'konstruktsiya.
(Electric lines—Poles and towers)

ZYBIN, Yu.I.; SOLOV'YEV, F.A., inzh.

New method of erecting the supports for electric power transmission lines and installations of the tower type. Prom. stroi. 41 no.11:32-35 N '63. (MIRA 17:2)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut Ukrglavstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.; SOLOV'YEV, F.A., inzh.

Ways to improve the design details and methods of assembling the gas purification of a blast furnace. Prom. stroi. 40 [i.e. 41] no.4:46-49 Ap '63. (MIRA 16:3)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu stal'nykh konstruktsiy i mostov.
(Blast furnaces—Equipment and supplies)
(Gases—Purification)

KOCHETKOVA, T.S., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Effect of leather topography on the lowering of strength in stretching after a needle puncture. Izv. vys. ucheb. zav.; tekh. leg. prom. no.2:97-104 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvi.
(Leather--Testing)

KOCHETKOVA, T.S., inzh.; PROKHOROVA, Z.V., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Scientific method of designing the inside shape of footwear. Izv. vys.ucheb.zav.; tekh.leg.prom. no.2:50-57 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.
(Shoe manufacture)

ANOKHIN, D.I., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Studying the moldability properties of shoe upper blanks. Izv.vys. ucheb.zav.; tekh.leg.prom. no.2:67-72 '61. (MIRA 14:5)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.
(Shoe manufacture)

PEREL'MITER, V.I., inzh.; ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Method for investigating the deformation of shoe uppers. Izv.vys. ucheb.zav.; tekh.leg.prom. no.5:64-69 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii izdeliy iz kozhi.
(Shoe manufacture) (Strength of materials)

ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Early Russian footwear from the 12th to the 16th century. Report No.3: Footwear found in Moscow excavations in 1953. Izv.vys.ucheb.zav.; tekh.leg.prom. no.5:84-85 '60. (MIRA 13:11)
(Moscow Province--Antiquities) (Boots and shoes)

ZYBIN, Yu.P., doktor tekhnicheskikh nauk, professor; STESHIN, I.I., retsenzent; VLADOMIROV, A.P., retsenzent.

[Technology of footwear] Tekhnologiia obuvi. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, 1953. (MLRA 7:6)

(Shoe industry)

ZYBIN, V.P., dots.; ROMANOV, M.Ya., inzh.

Investigating auromatic drive switches in semiautomatic sewing machines of 18th, 25th, and 29th grades. Izv.vys.ucheb.zav.; tekh.leg.prom. no.5:119-129 '58. (MIRA 12:2)

1. Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti.
(Sewing machines) (Automatic control)

DODONOV, B.P.; ZYBIN, V.P., prof., red.

[Hoisting and conveying devices; manual for students specializing in mechanics and technology] Pod"emno-transportnye ustroistva; uchebnoe posobie dlia mekhanicheskikh i tekhnologicheskikh spetsial'nostei. Moskva, Vses. zaochnyi in-t tekstil'noi i legkoi promyshl., 1964. 159 p. (MIRA 18:5)

ARKHIPOV, Nikolay Nikolayevich; KARPACHEV, Pavel Spiridonovich; MAYZEL', Maks Mikhaylovich, doktor tekhn. nauk, prof.; PLEVAKO, Nikolay Alekseyevich; ZAYCHIKOVSKIY, A.D., doktor tekhn. nauk, prof., retsenzent; ZOLOTOV, V.I., inzh., retsenzent; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; KAPUSTIN, I.I., doktor tekhn. nauk, prof., retsenzent; KOZLOV, B.A., inzh., retsenzent; POPOV, S.M., doktor tekhn. nauk, prof., retsenzent; EPPEL', S.S., kand. tekhn.nauk, dots., retsenzent; MINAYEVA, T.M., red.; SHVETSOV, S.V., tekhn. red.

[Basic processes, machinery, and apparatus of light industry] Osnovnye protsessy, mashiny i aparaty legkoi promyshlennosti. [By] N.N.Arkhipov i dr. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 491 p. (MIRA 15:2)
(Industry)

ZYBIN, V.P.

[redacted]

[Shoe machinery and tools] Mekhanizmy i instrumenty obuvnykh mashin. Moskva, Gos.izd-vo Ministerstva legkoi i pishchevoi promyshlennosti, 1953. 150 p. (MLRA 7:2)
(Shoe machinery)

FADEYEV, Sergey Pavlovich [deceased]; ZYBIN, V.P., doktor tekhn. nauk, retsenzent; POKROVSKIY, A.M., kand. tekhn. nauk, dots., nauchn. red.; KOLODYAZHNAYA, Zh.A., red.

[Design of machine parts; collection of problems] Raschety detalei mashin; sbornik zadach. Moskva, Vysshaia shkola, 1964. 180 p. (MIRA 18:3)

1. Zaveduyushchiy kafedroy "Detali mashin PTU" Vsesoyuznogo zaochnogo instituta tekstil'noy i legkoy promyshlennosti (for Zybin).

KORNEV, I.S.; YENICHEV, V.M.; MORDUYEVA, A.A.; IGONINA, Yu.A.; PATRIKEYEV, G.T.; ANDROSHCHUK, S.M.; ZYBIN, V.D.; SHISHULINA, L.M.

Culture media other than meat extracts for the preparation of A and B botulin anatoxins. Vak. i syv. no.1:3-11 '63.
(MIRA 18:8)

PHASE I BOOK EXPLOITATION SOV/3589

Sbornik radiokhimicheskikh i dozimetricheskikh metodik (Collection of Radio-Chemical and Dosimetric Methods) Moscow, Medgiz, 1959. 459 p. Errata slip inserted. 9,000 copies printed.

Eds. (Title page): N.G. Gusev, U.Ya. Margulis, A.N. Marey, N.Yu. Tarasenko, Yu.M. Shtukkenberg; Ed. (Inside book): V.I. Labarnov; Tech. Ed.: A.I. Zakharova.

PURPOSE: This collection of articles is intended for physicists, sanitation and public health doctors, chemists and other specialists working in radioactive dosimetry.

COVERAGE: This work discusses the following subjects: (1) principles of organizing sanitation and dosimetric control in institutions where work is carried on with radioactive substances; (2) radio-chemical and chemical methods for determining certain radioactive substances in samples of air, water, soil and foodstuffs; (3) physical methods of measuring contamination of the air by radioactive gases and aerosols, and methods for determining the level of contamination of working surfaces, clothes and leather coverings; (4) methods of measuring external streams of x- and gamma-radiation, and methods of individual dosimetric monitoring; (5) Absolute and relative methods of measuring the activity of solid and liquid radioactive sources. There are four appendixes dealing with methods of calculating the total dosage from sources of ionizing radiation, units of activity, and doses from natural (background) radioactivity in the calcium of foodstuffs. Sanitary regulations observed during transportation, storage, and handling of radioactive substances are discussed, as well as the permissible level of ionizing radiation. The editors thank Yu.V. Sivintsev and D.F. Shirshov. References appear at the end of each chapter.

ZYBIN, Yuriy Antonovich, inzh.; SAMOSATSKIY, Nikolay Nikolayevich, inzh.

[Filled fluoroplasts] Napolnennye ftoroplasty. Kiev, Tekhnika, 1965. 73 p. (MIRA 18:10)

ZYBIN, Yu.I., inzh.; GUT, A.M., inzh.; SOLOV'YEV, F.A., inzh.

Rapid erection of a head frame during the reconstruction of a mine. Shakht.stroi. 8 no.1:21-23 Ja '64. (MIRA 17:4)

1. Trest Krivorozhstal'konstruktsiya (for Gut). 2. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu. I., inzh.; SOLOV'YEV, F. A.

Assembly of cylindrical wells made of precast reinforced concrete. Prom stroi 41 no. 12:32-33 D '63. (MIRA 17:5)

1. Trest Krivorozhstal'konstruktsiya (for Zybin). 2. Gosudarstvennyy proyektnyy institut Ukrproyektstal'konstruktsiya (for Solov'yev).

ZYBIN, Yu.I., inzh.

Experiment in the installation of a coal loader. Prom.stroi. 41 no.9:8-10 S '63. (MIRA 16:11)

1. Trest Krivorozhstal'konstruktsiya.

ZYBIN, Yu.I., inzh.

Use of an ejector in testing welded seams. Mont. i spets. rab. v stroi. 24 no.8:24-25 Ag '62. (MIRA 15:8)

1. Trest Krivorozhstal'konstruktsiya.
(Air ejectors)

ZYBIN, Yu.P., professor; AINAYUK D.A., kandidat tekhnicheskikh nauk; GRUVER, M.G.

Lengthening the wear of shoes by a new last design. Leg.prom.14 no.5: 18-19 My '54. (MLRA 7:6)
(Boots and shoes)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu. P.

IVANOV, B., inzhener.

"Technology of shoemaking." IU.P.Zybin. Reviewed by B.Ivanov. Leg.prom. 14 no.8:52-54 Ag '54. (MLRA 7:8)
(Shoe industry) (Zybin, IU.P.)

ZYBIN, Yuriy Petrovich, doktor tekhnicheskikh nauk, professor; STESHOV, I.I., retsenzent; VINOGRADOV, A.P., retsenzent; MINAYEVA, T.M. redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor.

[Technology of footwear] Tekhnologiia obuvi. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, Pt. 2, 1955. 446 p. (MLRA 8:10)
(Shoe industry)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720017-1"

ZYBIN, Yu.P., prof.

Designing a series of lasts and footwear based on the "geometrical" rule. Leg. prom. 16 no.8:38-42 Ag '56. (MIRA 10:12)
(Lasts) (Shoe industry)

KOZLOVA, T.V.; ZYBIN, Yu.P.

Design of shaped upper parts. Leg.prom.[16] no.11:25-27 N '56.
(Shoe industry) (MLRA 10:1)

KOTEL'NIKOV, V.N., kand.tekhn.nauk; CHENTSOVA, K.I., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk; KOCHETKOVA, T.S.; ZAKATOVA, N.D., kand.tekhn.nauk; GUBAREV, A.S., kand.tekhn.nauk; SHVETSOVA, T.P., inzh.; VOROB'YEVA, A.A., kand.tekhn.nauk; MIRSKIY, V.I., inzh.; NISNEVICH, Ye.A., kand.tekhn.nauk; GOL'DSHTEYN, A.V., inzh.; KALASHNIKOVA, T.A., inzh.; SHUSTOROVICH, M.L., kand.tekhn.nauk; MOREKHODOV, G.A., inzh.; ZAKHAROV, S.R., retsenzent; BLAGOVESTOV, B.K., retsenzent; STRONGINA, O.P., retsenzent; SHMIDT, M.I., retsenzent; ZUYEV, V.T., retsenzent; KOSAREV, M.I., retsenzent; STEPANOV, I.S., retsenzent; RAMM, S.N., retsenzent; PEVZNER, B.M., retsenzent; VEYNBERG, I.A., retsenzent; TURBIN, A.S., retsenzent, SMIRNOVA, Ye.V., retsenzent; BUGOSLAVSKAYA, L.A., retsenzent; GAMOVA, A.S., retsenzent; KHANIN, N.M., retsenzent; MURVANIDZE, D.S., red.; PLEMYANNIKOV, M.N., red.; GRACHEVA, A.V., red.; MEDVEDEV, L.Ya., tekhn.red.

[Shoemaker's handbook] Spravochnik obuvshchika. Vol.1. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl. 1958. 540 p. (MIRA 12:4)

1.Gosudarstvennaya Ordena Lenina i Ordena Trudovogo Krasnogo Znameni obuvnaya fabrika "Skorokhod" imeni Ya.Kalinina (for Zakharov, Blagovestov, Strongina, Shmidt, Zuyev, Kosarev, Stepanov, Ramm, Pevzner, Veynberg, Turbin, Smirnova, Bugoslavskaya, Gamova, Khanin).
(Shoe manufacture)

TRIBOM, L.I., inzh.; ZYBIN, Yu.P., prof.

Factors affecting the finish quality of leather sole butts.
Izv. vys.ucheb.zav.; tekh.leg. prom. no.1:67-73 '58. (MIRA 11:6)

1.Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Shoe manufacture)

BARYKIN, A.M., kand.tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk

Regularity in the distribution of usable parts of suslik skins. Izv. vys. ucheb. zav.; tekh. leg. prom. no.3:14-24 '58.
(MIRA 11:10)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. (Fur)

ZYBIN, Yu.P., prof., doktor tekhn. nauk.

Ancient Russian footwear from the 12th to the 14th centuries.
Izv.vys.ucheb.zav.; tekh.leg.prom. no.4:36-44 '58. (MIRA 11:12)

1.Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Boots and shoes)

ZYBIN, Yu.P., doktor tekhn.nauk, prof.

Ancient Russian footwear from the 12th to 16th century. Izv.vys. ucheb.zav.; tekh.leg.prom. no.6:33-40 '58. (MIRA 12:4)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Shoe industry)

ZYBIN, Yu.P., doktor tekhn.nauk, prof.; SANTALOVA, Z.V., kand.tekhn.nauk

Forming conditions of chrome-tanned leather surfaces. Leg.prom. 18 no.4:24-27 Ap '58. (MIRA 11:4)
(Leather work)

AKULOVA, T.Ye.; UL'YANITSKIY, V.A.; ZYBIN, Yu.P.

Measuring deformations with a mercury strain gauge. Leg.prom. 18 no.6:23-26 Je '58. (MIRA 12:10)
(Strain gages) (Shoe industry)

ZUBIN, Yu.P.; PRIBORA, L.I.

Polishing the bottom side of leather sole. Leg.prom. 18 no.12: 15-17 D '58. (MIRA 11:12)

(Shoe manufacture)