

ACCESSION NR: AP4042945

ASSOCIATION: none

SUBMITTED: 29Aug63

SUB CODE: AE, NP

NR REF SOV: 004

ENCL: 00

OTHER: 001

Card
3/3

ACC NR: AT6020563

SOURCE CODE: UR/0000/65/000/000/0015/0000

AUTHOR: Checkkin, V. V.; Vasil'yev, M. P.; Grigor'yeva, L. I.; Stergov, B. I.

ORG: none

TITLE: Absorption of high frequency energy by plasma in the ion cyclotron resonance in strong high frequency fields

SOURCE: AN UkrSSR. Vysokochastotnyya svoystva plazmy (High frequency properties of plasma). Kiev, Naukovo dumka, 1965, 15-26

TOPIC TAGS: plasma heating, plasma oscillation, plasma velocity, plasma density, cyclotron resonance, ion beam, electron collision

ABSTRACT: The present work continues the study of the absorption of high frequency waves by a plasma in the ion cyclotron resonance. The conditions for heating of plasma by this method and the physical processes which occur in various regimes are briefly reviewed. The nature of energy absorption is studied in the experiment with a high frequency wave applied to the plasma with a density of 10^{15} electrons/cm³ and an axial current flow of 30 A/cm². It is shown that the absorption of the wave depends on the interaction between ions and electrons of the plasma. This result is described by equations derived for the case of absorption by collisions. In the experiments where the electric field of the wave exceeded the critical value (which determines the maxi-

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num absorption for two-body collisions), the effective collision frequency increased strongly. This increase is attributed to the deceleration of the directed ion beam in the cyclotron wave by high frequency plasma oscillations induced by ion beams with velocities exceeding the thermal velocity of the plasma. The experimentally determined effective collision frequency is within an order of magnitude of that arising from the above mechanism. Orig. art. has: 11 formulas, 3 figures.

SUB CODE: 20/ SUBM DATE: 19Nov65/ ORIG REF: 013/ OTH REF: 002

Card 2/2

vmb

9292-66 SWT(1)/ETC/EPE(n)-2/ENG(m) LJP(c) WY/GG/AT
 ACC NR: AP6000738

SOURCE CODE: UR/0386/65/002/009/0418/0432

AUTHOR: ^{44,55} Chechkin, V. V.; ^{44,55} Vasil'yev, M. P.; ^{44,55} Grigor'yeva, L. I.; ^{44,55} Longinov, A. V.;
 Smerdov, B. I.

^{44,55}
 ORG: none

^{21, 44, 55}
 TITLE: Resonance heating of plasma by means of a strong high-frequency field

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 2, no. 9, 1965, 418-422

TOPIC TAGS: ^{21, 44, 55} plasma heating, dense plasma, magnetic energy absorption, acoustic wave, *h f field, electric field, magnetic field*

ABSTRACT: An investigation was made of the heating of a dense plasma by powerful short high-frequency pulses when in plasma a fast magnetoacoustic wave ($\Omega_e \gg \omega_e$, $\omega_i < \omega < \omega_e$, where Ω_e is the plasma electron frequency, ω_i , ω_e are cyclotron frequencies of ions and electrons, respectively, and ω is the operating frequency) is generated by means of resonance. The investigations were carried out on a disintegrating plasma present in a quasi-constant longitudinal magnetic field with an intensity reaching 6000 Oe. The plasma was generated by a pulse discharge with oscillating electrons in hydrogen and helium at a pressure of 10^{-3} mm Hg. The coefficient of energy transfer (the ratio of the energy absorbed by the plasma to the total energy stored in the circuit) of an h-f field from the circuit to the plasma was measured. The dependence of the coefficient on the intensity of a

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quasi-magnetic field for different values of the initial electron density shows that the absorption of energy of an h-f field by the plasma has a resonance character, its maximum corresponding to a frequency ω , which is in the range $\omega_i < \omega < \sqrt{\omega_i \omega_e} \ll \omega_e$. A similar dependence was obtained for a helium plasma. The dependence of the transfer coefficient, the electron temperature, and the increase of electron density on the intensity of the magnetic field shows that the electron temperature T_e rises when the energy absorbed by the plasma increases, reaching approximately 60 ev. At the same time, the density of electrons also increases and the degree of ionization approaches 100%. The temperature of ions T_i is approximately 30 ev. The heating of the plasma takes a short time: at maximum absorption the amplitudes of h-f oscillations in the circuit decrease by 2.7 times per $\sim 0.5 \mu\text{sec}$, i. e., during 2-3 oscillation periods; without plasma this decrease takes approximately 11 periods. The calculated damping decrement $\gamma_{\text{exp}} \approx 6.5 \times 10^{-2} \omega$ (from the rate of the decrease in the amplitude oscillation in the circuit) exceeds the damping decrement of the magnetoacoustic waves, which is subjected to Coulomb losses, by more than two orders. The temperature, calculated from the energy balance under the assumption that the entire energy absorbed by the plasma is spent on its heating, is equal to ~ 90 ev, which is in agreement with experimental data. Orig. art. has: 2 figures. [JA]

SUB CODE: 20/ SUBM DATE: 07Sep65/ ORIG REF: 009/ OTH REF: 001/ ATD PRESS:

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PC
Card 2/2

GRIGOR'YENVA, L.K.

Studying the showers on the territory of the Veliko-Anadol' pluviometric system. Trudy Ukr. NIOMI no.9:149-154 '57. (MIRA 11:1)
(Ukraine--Rain and rainfall)

GRIGOR'YEVA, L.K.

Example of calculating volumes of flood flow from small drainage
basins. Trudy Ukr NIGMI no.46:110-116 '64.

(MIRA 17:10)

GRIGOR'YEVA, L.K.

Determination of the volume of flood flow from small drainage
areas; according to materials of the Desna Runoff Station.
Trudy UkrNIGMI no.50:75-77 '65. (MIRA 18:11)

GRIGOR'YEVA, L. M.

DECEASED

Medicine

see ILC

ALYAVDIN, V.F.; VASIL'YEVA, L.F.; VITOSHINSKAYA, M.I.; GRIGORIYEV, L.A.;
GODIEVSKIY, M.N.; ZHEREINA, K.M.; ZHEZEZHKOVA, V.R.; RISELEVA, A.N.;
KOZYREVA, Yu.A.; KULIKOV, M.V.; PAPPENGOI'TS, K.N.; POLEVOY, B.I.;
SOIOV'YEV, S.P.; STULOV, N.N.; SHAFRANOVSKIY, I.I.

In memory of A.V.Nemilovoi. Zap.Vses.min.ob-va 90 no.6:756-757
'61. (MIRA 15:2)

(Nemilova, Aleksandra Vasil'evna, 1892-1961)

GRIGOR'YEVA, L.N.

Use of proton resonance method for the observation of complex
formation in protein. Biofizika 10 no.1:173-176 '65.

(MIRA 18:5)

1. Khar'kovskiy ordena Trudovogo Krasnogo Znameni gosudarstvennyy
universitet imeni Gor'kogo.

GRIGORI'YEVA, L. P.

Grigor'yeva, L. P. -- "Orthopedic Interventions in the Case of Parodontitis (Amphodontoz) in the Frontal Section of the Row of Teeth. Khark'ov Med Inst, Khark'ov, 1955 (Dissertation for the degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No. 24, Moscow, Jun 55, pp 91-104

GRIGOR'YEVA, L.P., assistant (Khar'kov)

Orthopedia in the compound treatment of pyorrhea alveolaris.
Probl. stom. 3:225-230 '56 (MLRA 10:5)
(GUMS--DISEASES) (ORTHOPEDIA)

GRIGOR'YEVA, L.P., kand.med.nauk (Kiyev); USTIMENKO, V.L., dots. (Kiyev)

Use of arch bars in paradentosis. Probl.stom. 4:365-369 '58.
(MIRA 13:6)

(GUMS--DISEASES)

(DENTAL PROSTHESIS)

USTIMENKO, V.L.; GRIGOR'YEVA, L.P.

Orthodontic treatment of a deformed bite in pyorrhea alveolaris.
Probl. stom. 5:104-109 '60. (MIRA 15:2)

1. Khar'kovskiy meditsinskiy stomatologicheskiy institut.
(TEETH ABNORMALITIES AND DEFORMITIES) (GUMS DISEASES)

GRIGOR'YEVA, L.P.

State of the maxillo-dental system in patients with certain endocrine disorders. Probl. stom. 5:398-404 '60. (MIRA 15:2)

1. Khar'kovskiy meditsinskiy stomatologicheskiy institut.
(ENDOCRINE GLANDS__DISEASES) (MOUTH__DISEASES)

GRIGOR'YEVA, L.P. (Khar'kov); LEKHTSIYER, L.I. (Khar'kov); MAKSIMENKO,
P.T. (Khar'kov); USTIMENKO, V.L. (Khar'kov)

Compound treatment of paradentosis. Probl.stom. 6:92-98 '62.
(MIRA 16:3)
(GUMS—DISEASES)

USSR / Farm Animals. Cattle.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40436.

Author : Lukashik N. A., Kolodzeva Ye. Ye., Grigor'-yeva L. V.

Inst : ~~Not given.~~

Title : The Proteins of Colostrum in Different Feeding of Cows During the Dry Period.

Orig Pub: Dokl. Mosk. s.-kh. akad. im. K. A. Timiryazeva, 1957, vyp. 27, 224-227.

Abstract: The samples of colostrum obtained from the 1, 3, 6, and 10 milkings were analyzed along with the average samples of the milk, on the 5th day, of cows and heifers which were fed, before calving, the rations of a different level of aggregate, protein, and mineral feeding, and of different composition. In the

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USSR / Farm Animals. Cattle. 2

Abs Jour: Ref Zhur-Biol., No 9, 1958, 4043b.

Abstract: samples the following fractions were determined: 1) of total N., 2) N of casein, 3) N of the soluble proteins (albumin and globulin), 4) non protein N. It was established that in cows which were given ample feeds during the dry period, the amount of soluble proteins in the colostrum was 2% - 9% higher. The increased level of mineral feeding (in heifers) also had a positive influence on this index. The different composition of rations was without effect. The different methods of the determination of globulin were also appraised.

Card 2/2

GRIGOR'YEVA, L.V., kand.med.nauk; GERTSRIKEN, S.L. [Hertsriken, S.L.]

Characteristics of the aerial microflora of biotron wards. Vrach.
delo no.10:22-26 0 '61. (MIRA 14:12)

1. Kafedra mikrobiologii (zav. - prof. S.S.Rechmenskiy) i kafedra
nervnykh bolezney (zav. - prof. D.I.Panchenko) Kiyovskogo instituta
usovorshenstvovaniya vrachey.
(AIR--MICROBIOLOGY)

431

LUKASHIK, N.A., assistant, kand. sel'skokhoz. nauk; KOLODZEVA, Ye. Ye.;
TABAKOVA, Z.F.; GRIGOR'YEVA, L.V.

Amino acid composition of the proteins of grain, beans, and some
forage grasses. Izv. TSKNA no. 1:196-206 '65 (MIRA 19:1)

1. Kafedra kormleniya sel'skokhozyaystvennykh zhiivotnykh Mos-
kovskoy sel'skokhozyaystvennoy ordena Lenina akademii imeni
Timiryazeva.

GRIGORYEVA L. V. and BLINOFF N. I.

4923. GRIGORYEVA L. V. and BLINOFF N. I. * Use of the antibiotic aspergine in surgery (Russian text) VESTN.KHIR. 1953, 73/4 (42-48) Tables 1

Aspergine, a new antibiotic, acts on all Gram-positive microbes in general and especially on the germs of the intestinal flora and on the enterococcus. In trials carried out from March 1951 onwards at the Leningrad Surgical Clinic aspergine was shown to possess an effective antibiotic power both for prophylaxis and for treatment. One of its advantages in comparison with the other antibiotics is the possibility of injecting it i.v. Moreover, as far as activity is concerned, it can fully replace penicillin. The i.v. injection of 10-20 ml. of a 10% solution of aspergine does not cause any untoward reaction. Aspergine dissolved in an isotonic procaine solution may be introduced into the peritoneal cavity. The i.p. or s.c. injection of aspergine in cases of suppurative or phlegmonous appendicitis enables one to close the wound completely without drainage. Moreover the i.v. injection of aspergine is extremely useful for the lowering of fever and for the improvement of the patient's general condition during the post-operative period. Finally it was shown that i.v. aspergine has an excellent effect on the evolution of acute thrombophlebitis. Parenti - Ferrara (IX,2,6)

SO: Excerpta Medica, Section II, Vol 7, No 9

3rd Surgical Clinic, State Inst. for Advanced Trng of Physicians

GRIGOR'YEVA, L.V.

Resistance of living precellular matter (filtrable forms) of bacteria to heating. Mikrobiol. zhur. 17 no.1:12-16 '55 (MIRA 10:5)

1. Z kafedri mikrobiologii Chernivets'kogo medichnogo institutu.
(ESCHERICHIA COLI,
eff. of heating on filtrable forms) (Uk)
(PROTEUS,
morganii, eff. of heating on filtrable forms) (Uk)

GRIGOR'YEVA, L.V.

Lead poisoning in veryday life simulating acute abdomen. Vest.
khir.76 no.10:111-113 N '55. (MLRA 9:1)

1. Iz 3-y khirurgicheskoy kliniki (zav.--prof. N.I.Blinov)
Gosudarstvennogo ordena Lenina instituta usovershenstvovaniya
vrachey im. S.M.Kirova.

(LEAD POISONING, differ.diag.
acute abdomen)

(ABDOMEN, ACUTE, differ.diag.
lead poisoning)

GRIGOR'YEVA, L. V.

GRIGOR'YEVA, L. V.: "The properties of live precellular substance and secondary cultures of bacteria of the intestinal group." Dnepropetrovsk State Medical Inst. Chernovtsy, 1956. (Dissertation for the Degree of Doctor in Medical Science.)

So: Knizhnaya letopis', No. 37, 1956. Moscow.

BLINOV, N.I., professor; ANDRNYEVA, V.I.; GRIGOR'YEVA, L.V.

Experience in using protein blood substitutes in surgical clinics.
Sov.med. 20 no.2:44-49 7 '56. (MLBA 9:7)

1. Is 3-y khirurgicheskoy kliniki (sav.-prof. N.I.Blinov) Instituta usovershemstvovaniya vrachey imeni S.M.Kirova (Leningrad) (PLASMA SUBSTITUTES, ther. use in surg.) (POSTOPERATIVE CARE plasma substitute transfusion)

GRIGOR' YEVA, L.V. (Leningrad, P-101, ul. Barmaleyeva, d. 3, kv.14)

Wounds of the common carotid artery. Vest.khir. 81 no.11:118-
119 N '58. (MIRA 12:3)

1. Iz 3-y khirurgicheskoy kafedry (zav. - prof. N.I.Blinov)
Leningradskogo gosudarstvennogo instituta usovershenstvovaniya
vrachey imeni S.M.Kirova.
(CAROTID ARTERY--WOUNDS AND INJURIES)

GRIGOR' YEVA, L.V.

Sensitivity of *Proteus morganii* to antibiotics and sulfonamides.
Antibiotiki 4 no.1:113 Ja-F '59. (MIRA 12:5)

1. Kafedra mikrobiologii (zav. - dots. I.I.Rybas) Chernovitskogo meditsinskogo instituta.

(PROTEUS, eff. of drugs on,
morganii, antibiotics & sulfonamides, sensitivity
(Rus))

(ANTIBIOTICS, eff.
on *Proteus morganii*, sensitivity (Rus))

(SULFONAMIDES, eff.
same)

GRIGOR'YEVA, L.V. [Hryhor'ieva, L.V.]

Properties of secondary cultures of enteric bacteria isolated from heated material. Mikrobiol.shur. 21 no.5:31-35 '59. (MIRA 13:2)

1. Iz Chernovetskogo meditsinskogo instituta, kafedra mikrobiologii.
(BACTERIA)

GRIGOR'YEVA, L.V.

Comparative evaluation of various methods for the indication of a phage aerosol. Vop.virus. 6 no.5:618-621 9-0 '60. (MIRA 14:7)

1. Kafedra mikrobiologii Kiyevskogo instituta usovershenstvovaniya vrachey.

(BACTERIOPHAGE)

(VIRUSES)

BLINOV, N.I., prof.; GRIGOR'YEVA, L.V.

Diaphragmatic hernias of the esophageal hiatus. Sov.med. no.3:
48-52 '62. (MIRA 15:5)

1. Iz 3-y khirurgicheskoy kliniki Leningradskogo instituta us-
vershenstvovaniya vrachey (zav. - prof. N.I. Blinov).
(DIAPHRAGM--HERNIA)

VERSHIGORA, Apollinariy Yefimovich [Vershychora, A.IU.], kand. med. nauk; GRIGOR'YEVA, Lyudmila Vladimirovna [Hryhor'ieva, L.V.], kand. med. nauk; SINEL'NIKOVA, Yelena Pavlovna [Synel'nykova, O.P.], dots.; YAROSHENKO, V.A., red.; BOYKO, V.P., tekhn.red.

[Practical handbook of medical microbiology] Praktychnyi posibnyk z medychnoi mikrobiologii. Kyiv, Derzhmedvydav URSR, 1963. 194 p. (MIRA 16:12)

(MEDICAL MICROBIOLOGY--LABORATORY MANUALS)

GRIGOR'YEVA, L.V. [Hryhor'ieva, L.V.]

Problems of microbiology and virology at the Czechoslovak
Medical Congress. Mikrobiol. zhur. 25 no.4:66-67'63.
(MIRA 16:9)
(CZECHOSLOVAKIA--MICROBIOLOGY--CONGRESSES)

GRIGOR'YEVA, L.V.

Detection of phage aerosol with the electric precipitator,
bubbling trap, and sodium alginate powder. Vop. cirus. 8
no.1:87-90 Ja-F'63. (MIRA 16:6)

1. Kafedra mikrobiologii Kiyevskogo instituta usovershen-
stvovaniya vrachey.
(BACTERIOPHAGE) (AEROSOLS)
(BACTERIOLOGY--TECHNIQUE)

GRIGOR'YEVA, L.V. [Hryhor'ieva, L.V.]

Survival rate of Coxsackie viruses in water. Mikrobiol. zhur. 26
no.5:40-43 '64. (MIRA 18:7)

1. Ukrainskiy institut kommunal'noy gigiyeny.

L 27627-66 EWT(1)/T JK

ACC NR: AP6018414

SOURCE CODE: UR/0240/65/000/012/0028/0031

AUTHOR: Grigor'yeva, L. V. (Candidate of medical sciences); Gorodetskiy, A. S. (Candidate of medical sciences); Omelyanets, T. G. (Candidate of medical sciences); Pogdanenko, L. A. (Candidate of medical sciences) 29
8

ORG: Kiev Scientific Research Institute of General and Communal Hygiene (Kiyevskiy nauchno-issledovatel'skiy institut obshchey i kommunal'noy gigiyeny)

TITLE: Survivability of bacteria and viruses in vegetables irrigated with infected water

SOURCE: Gigiyena i sanitariya, no. 12, 1965, 28-31

TOPIC TAGS: bacteria, virus, human ailment, bacteriology, virology, agriculture crop

ABSTRACT: The use of liquid wastes to irrigate the soil harbors the danger of infecting the vegetable crops, particularly when the sprinkling method is employed. In this connection, the time span of survival of pathogenic bacteria and viruses in vegetable crops is of major significance. The published literature on this subject is contradictory. To bring some clarity into this matter, the authors investigated the survivability of pathogenic bacteria of the intestinal group (Salm. typhimurium, Shig. sonnei, Shig. Flexneri), Coxsackie viruses of group A (A5, A7 and A14), and E. coli in the foliage and fruits of plants irrigated with infected water (tomatoes, lettuce, and sweet pepper, i.e., vegetables which are most often eaten raw).

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UDC: 613.26:628.37/: 576.8.095.1

ACC NR: AF6018414

This was followed by 21 series of experiments which revealed that the survivability of the pathogenic microorganisms differs depending on the biological properties of a particular crop. Intestinal bacteria survive longer in the foliage of tomatoes grown in shadow (6-18 days) than in the foliage of tomatoes grown in the sun (3-4 days). They survive longer in the foliage of sweet pepper than in the foliage of lettuce, and they survive longer in the fruits than in the foliage. The same pattern can be observed for viruses; their survivability also depends on the type of crop, conditions and period of vegetation, and object of irrigation (foliage or fruit), though in general they survive somewhat longer than bacteria. Of the pathogenic bacteria of the intestinal group, *B. breslau* survived the longest (18 days), and *Shigella sonnei* the shortest (2-11 days). Of the three crops investigated, lettuce foliage -- possibly because of its smoothness -- provided the least favorable conditions for survival of bacteria and viruses, and tomato foliage -- the most favorable. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06, 02 / SUBM DATE: 18Jan65 / ORIG REF: 006 / OTH REF: 003

Card 2/2 CC

KOZLOVA, M.F., kand.med.nauk; GRIGOR'YEVA, L.V., kand.med.nauk; POKULOVA,
Ye.K.; SHEHIROVA, N.N.; GORBULEVA, Z.V.; GEMARSH, B.N.

Characteristics of the clinical aspects in the course of Bornholm
disease caused by Coxsackie virus B3. Sov.med. 28 no.4:52-56 Ap
'65. (MIRA 18:6)

1. Institut kibernetiki AN UkrSSR (dir. - deystvitel'nyy chlen
AN Ukrainskoy SSR V.M.Glushkov) Ukrainskiy nauchno-issledovatel'-
skiy Institut kommunal'noy gigiyeny (dir. - prof. D.M.Kalyuzhnyy)
i Luganskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya
(glavnyy vrach - N.N.Shehirova).

GRIGOR'YEVA, L.V. [Hryhor'ieva, L.V.]

Seasonal changes in the microflora of the Northern Donets-Donets
Basin Canal. Mikrobiol. zhur. 27 no.6:27-31 '65.

(MIRA 19:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy
gigiyeny. Submitted August 10, 1964.

GORSHKOV, N., narodnyy sud'ya (Suzdal', Vladimirskoy oblasti);
ANTONOV, F., inzh.; TOPORKOV, F.; LYUBARSKIY, S. (Odessa)
KARAS', P. (Odessa); GRIGOR'YEVA, M.

Readers report, advise, and suggest. Zhil.-kom. khoz.
12 no.4:30-31 Ap '62. (MIRA 15:7)

1. Zhilishchno-kommunal'noye upravleniye, Noril'sk (for Antonov).
2. Nachal'nik otдела Ministerstva kommunal'nogo khozyaystva
Komi ASSR, Syktyvkar (for Toporkov). 3. Predsedatel' soveta
pensionerov doma No.4, Kuskovo (Moskva). (for Grigor'yeva).
(Community life)

GRIGOR'YEVA, M.B.

Grigor'Yeva, M.B. -- "Gas Metabolism and Oxygen Threshold of Fish and Certain Aquatic Invertebrates in Relation to Conditions of Internal Environment." Cand Biol Sci, Karelo-Finnish State U, 26 Jan 54. (Leninskoye Znanya, 17 Jan 54)

SO: Sum 168, 22 July 1954

GRIGORIEVA, M.B., kand.biolog.nauk

Hemodynamic temperature test as a method for diagnosing the functional condition of the cardiovascular system. Uch.zap. Kar.ped.inst. 8:36-48 '59. (MIRA 13:11)
(Cardiovascular system) (Body temperature)

NIKOLAYEV, S.I., red.; SALUKVADZE, V.S., red.; ANDRIANOV, K.I., red.; VASIL'YEV, A.Ye., red.; ZHIKHAREVA, G.P., red.; KRYLOV, P.I., red.; KSHONDZER, G.L., red.; KHRAMIKHIN, P.G., red. [deceased]; CHEREMISINOV, M.M., red. Prinsipalni uchastiyev: ANUCHKIN, M.P., red.; GRIGOR'YEVA, M.B., red.; ZHUKOV, V.I., red.; KALYUZHNYY, M.G., red.; KAMERSHTEYN, A.G., red.; KOZLOVSKAYA, A.A., red.; LAVROVA, N.P., red.; NUSOV, G.I., red.; FAL'KEVICH, A.S., red.; YERSHOV, P.R., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Safety regulations for constructing steel pipelines] Pravila tekhniki bezopasnosti pri stroitel'stve magistral'nykh stal'nykh truboprovodov. Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi lit-ry, 1960. 235 p. (MIRA 13:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gazovoy promyshlennosti.
2. Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh splavov (for Anuchkin, Grigor'yeva, Zhukov, Kalyushnyy, Kamershteyn, Kozlovskaya, Lavrova, Nusov, Fal'kevich) (Pipelines) (Industrial safety)

SACHKOV, V.I.; QRIGOR'YEVA, M.P.; SPERANSKIY, A.I.; TROFIMOVA, T.M.

Bentonite test for diagnosis of infectious nonspecific polyarthritis.
Lab.delo 7 no.7:9-12 J1 '61. (MIRA 14:6)

1. Laboratoriya mikroimmunologii (zav. V.I.Sachkov) Gosudarstvennogo
nauchno-issledovatel'skogo instituta revmatizma Ministerstva
zdravookhraneniya RSFSR.
(BENTONITE) (ARTHRITIS)

MORACHEVSKIY, Yu.V.; TSEKOVNITSKAYA, I.A.; GRIGOR'YEVA, M.F.

New variant of the cupferron method for extracting uranium. Uch.
zap. LGU no.297:119-124 '60. (MIRA 13:11)
(Uranium) (Cupferron)

L 36248-65 ENT(m)/ENP(t)/ENP(b) IJP(c) JD/17/68
ACCESSION NR: AT5007817 S/0000/64/000/000/0072/0076

AUTHOR: Tserkovnitakaya, I. A.; Grigor'yeva, M. F.

TITLE: Amperometric determination of quadrivalent and trivalent vanadium with pyrocatechol

SOURCE: Leningrad, Universitet. Metody kolichestvennogo opredeleniya elementov (Methods for the quantitative determination of elements). Leningrad, Izd-vo Leningr. univ., 1964, 72-76

TOPIC TAGS: vanadium determination, pyrocatechol, amperometric titration, redox potential, polarographic oxidation

ABSTRACT: A method was developed for determining vanadium IV and vanadium III in aqueous solutions by titration with pyrocatechol. Pyrocatechol was shown to form dark blue and dark brown complexes with V(IV) and V(III), respectively, and the redox potential of the system was studied at various concentrations of pyrocatechol and at pH 1.5-8 in preliminary tests. The polarographic oxidation of pyrocatechol in acetate buffer solutions of pH 1.5-5.7 was measured. Titration of 0.102-0.204 mg V(IV) at pH 1.5-5.7, using a Pt microelectrode and a saturated calomel electrode as indicating and reference electrodes, respectively, gave acceptable results at all pH levels with a maximum relative error of 3.5%.

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L 36248-65

ACCESSION NR: AT5007817

0.

Determination of V(III) under similar conditions in a CO₂ atmosphere was shown to be feasible only at pH 1.5 but not in less acidic solutions. Thus, the total concentration of vanadium can be determined at pH 1.5, that of vanadium IV at pH 3.1-5.7, and that of vanadium III can be calculated. Orig. art. has; 3 figures and 4 tables.

ASSOCIATION: none

SUBMITTED: 28Sep64

ENGL: 00

SUB CODE: IC, OC

NO REF SOV: 001

OTHER: 000

Card

212 *hs*

PAVLOVSKIY, V.Ya.; TSILEVICH, I.Z.; PRADIN, M.D.; KRISHNAPOVICH, P.D.;
SHAPIRO, Yu.A.; GRIGOR'YEVA, M.G.; RANNOVA, Ye.M.; KRETOVA, G.V.

Rolling mill rolls of hypereutectoid chromium-vanadium 90 KhF steel.
Metallurg 10 no.7:40 J1 '65. (MIRA 18:7)

1. Metallurgicheskiy zavod "Azovstal".

GRIGOR'YEVA, M.I., tehnik; VOLKOVA, A.A.; KOSTINA, T.N.

Observations concerning Sh.K.Kadyrov's article "Methods for determining the strength of machine-harvested cotton." Tekst.prom. 23 no.11: 88-89 N '63. (MIRA 17:1)

1. Cheboksarskiy khlopchatobumazhnyy kombinat. 2. Zamestitel' nachal'nika laboratorii Cheboksarskogo khlopchatobumazhnogo kombinata (for Volkova). 3. Nachal'nik laboratorii Cheboksarskogo khlopchatobumazhnogo kombinata (for Kostina).

CHMJKOVA, Ye.F.; GRIGOR'YEVA, M.K.

Effect of dysentery on the course of tuberculosis in children. Vopr.
pediat. 20 no.2:48-51 Mar-Apr 1952. (GLML 22:1)

1. Of the Clinic for Children's Diseases, Severoosetinsk State Medical
Institute.

CHAMOKOVA, Yo.F.; MEDVEDKOVA, A.I.; GRIGOR'YEVA, M.K.

Functional state of certain internal organs in tuberculous
meningitis. *Pediatrics* 37 no.4:75 Ap '59. (MIRA 12:6)
(MENINGES--TUBERCULOSIS) (VISCERA)

BELJANIN, V.A., kand.tekhn.nauk; GRIGOR'YEVA, M.N., inzh.

Fatigue strength of welded pipes. Trakt. i sel'khoz mash. 32 no.12:33
D '62. (MIRA 16:3)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Metals--Fatigue) (Pipe--Welding)

ORIGON'YEVA, M.M.

Artesian wells in arid regions. Trudy LSGMI 26:104-113 '56.
(MLRA 10:6)

1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-gigiyeni-
cheskogo meditsinskogo instituta. Zav. kafedroy - prof. P.I. Aggeyev.
(WATER SUPPLY,
artesian wells in arid regions (Rus))

RUDEYKO, V.A., dots., GRIGOR'YEVA, M.N., kand.med.nauk

Hygienic study of the artesia water supply in rural areas.

Vrach.delo no.9:981 S'58

(MIRA 11:10)

1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(WATER SUPPLY, RURAL)
(ARTESIAN WELLS)

1961.

"Physical evaluation of satellite information"

report submitted at the 13th All-Union Conference on Satellite Information and Intelligence, 1965.

21043

S/193/61/000/003/003/009
A004/A101

1.2300

AUTHORS: Voznesenskiy, V. D., Grigor'yeva, M. N.

TITLE: The АСГК-1 (ASGK-1) automatic welding head

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 3, 1961, 23-24

TEXT: The NIItraktorosel'khoz mash Institute has developed the stand-type ASGK-1 automatic welding head for the shielded-arc and submerged-arc welding of circular seams of parts of various diameters. It can also be utilized for the welding of longitudinal seams of parts traveling during the welding process relative to the stationary head. The welding head (see illustration) is mounted on a self-propelled carriage and consists of stand with platform 1, wire feed mechanism 2, extensible bracket 3 with clamping device for torch 4, conductor 5, and portable control panel 6. the overhang between the torch axis and stand axis can be set in the range of 250 - 400 mm. The bracket is fixed with the aid of handwheel 7. The automatic welding head design makes it possible to carry out angular welding "forward" and "backwards". The angles are fixed with the aid of handwheels 7 and 8, the vertical travel of the torch within a range of 100 mm is effected by handwheel 9. The torch position can be corrected in trans- ✓

Card 1/3

21043

The АСГК-1 (ASGK-1) automatic welding head

S/193/61/000/003/003/009 ✓
A004/A101.

verse direction in a range of 60 mm by handwheel 10, while the bracket can be turned through 360° and fixed by handwheel 11. The following technical data are given: welding current - 150 - 600 amp; arc voltage - 25 - 40 v; wire feed speed - 50 - 650 m/h; welding wire diameter - 0.8 - 3 mm; overall head dimensions (length x width x height) - 700 x 250 x 1.000 mm; weight - 50 kg. The ASGK-1 welding head has been introduced at the Lyuberetskiy zavod sel'khoz-mashinostroyeniya im. Ukhtomskogo (Lyubertsy Plant of Agricultural Machines imeni Ukhtomskiy) for the production of the CWP-0.5 (SShR-0.5) hay stacker. There is 1 figure. [Abstractor's note: Essentially complete translation].

Card 2/3

VOZNESENSKIY, V.D.; GRIGOR'YEVA, M.N.

The USA-2 welding machine with changeable tools. Biul.tekh.-kon.
inform. no.8:24-26 '61. (MIRA 14:8)
(Electric welding--Equipment and supplies)

RUDEYKO, V.A.; GRIGOR'YEVA, M.N.

Hygienic evaluation of the temperature-humidity conditions in large-panel living quarters in Leningrad. Trudy LSGMI no.68:46-57 '61. (MIRA 15:11)

1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - prof. A.I.Shtreys). (LENINGRAD--APARTMENT HOUSES--HEATING AND VENTILATION)

RUDEYKO, V.A.; GRIGOR'YEVA, M.N.

Effect of living conditions on the health of the population. Trudy
LSGMI no.68:58-63 '61. (MIRA 15:11)

1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-
gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - prof.
A.I.Shtreys).

(LENINGRAD--HOUSING--HYGIENIC ASPECTS)

GRIGOR'YEVA, M.N.; PUSHKAR', E.G.

Reproduction of the agglutinating factor in rats during the parenteral administration of streptococci and its correlation with the titers of the antistreptococcal antibodies and properdin. Vop. revm. 3 no.4:15-18 O.D. '63. (MIRA 17:2)

1. Iz laboratorii immunologii (zav.-doktor med. nauk V.I. Sachkov) Instituta revmatizma (dir. - deystvitel'nyy chlen ANU SSSR prof. A.I. Nesterov) ANU SSSR.

GRIGOR'YEVA, M.N., inzh.; KIPNIS, S.B., inzh.; NOGIN, M.V., inzh.

Quality of the welded constructions in agricultural machinery.
Trakt. i sel'khoz mash. no.11:43-45 N '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokho-
zyaystvennogo mashinostroyeniya.

SACHKOV, V.I.; PUSHKAR', E.G.; GRIGOR'YEVA, M.P.; SPERANSKIY, A.I.

Some experimental data on the significance of properdin in collagen diseases. Vop.revm. 1 no.3:17-21 J1-S '61.

(MIRA 16:4)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta revmatizma (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Nesterov) Ministerstva zdravookhraneniya RSFSR.

(COLLAGEN DISEASES)

(PROPERDIN)

GRIGOR'YEVA, M.P.; SACHKOV, V.I.; TROFIMOVA, T.M.

Comparative evaluation of tests with bentonite, dermatol and latex used for the diagnosis of infectious nonspecific polyarthrits. Terap.arkh. no.6:68-71 '62. (MIRA 15:9)

1. Iz laboratorii mikroimmunologii (rukovoditel' - kand.med.nauk V.I. Sachkov) i otdeleniya infektartritov (rukovoditel' - prof. M.G. Astapenko) Instituta revmatizma (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Kesterov) AMN SSSR.
(ARTHRITIS) (MEDICAL TESTS)

SACHKOV, V.I., kand. med. nauk; GRIGOR'YEVA, M.P.

Comparative evaluation of the dermatol-eosin, the dermatol-globulin and the latex-globulin methods used in the detection of the rheumatoid factor in infectious arthritis. Vop. revm. 2 no.2:29-32 Ap-Je'62 (MIRA 17:3)

1. Iz Nauchno-issledovatel'skogo instituta revmatizma (dir.-deystvitel'nyy chlen AMN SSSR prof. A.I. Nesterov) AMN SSSR.

PAVLOVSKIY, P.Ye.; GRIGOR'YEVA, M.P.

Transformations of the protein components of autolyzing muscle
tissues during meat cooling and freezing. Izv.vys.ucheb.zav.;
pishch.tekh. no.1:24-29 '63. (MIRA 16:3)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti, kafedra biokhimi.
(Meat, Frozen) (Proteins)

PAVLOVSKIY, P. Ye.; GRIGOR'YEVA, M.P.

Transformation of the muscle tissue proteins of meat during
defrosting. Izv. vys. ucheb. zav.; pishch. tekhn. no.2:47-51 '63.
(MIRA 16:5)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti, kafedra biokhimi.
(Meat, Frozen) (Proteins)

GRIGOR'YEVA, M. P.

"Importance of Microreaction Flocculation in Sero-Diagnostics for Syphilis," Vest. Venerol. i Dermatol., No. 1, 1949. Sci. Assoc. Serological Lab., Central Dermoto-Veneral Diseases Inst., Public Health.

SACHKOV, V.I.; GRIGOR'YEVA, M.P.

Use of dielectrometry in calculating the results of immunobiological reactions. Biofizika 4 no. 4:495-498 '59. (MIRA 14:4)

1. Gruppya deystvitel'nogo chlena AMN SSSR prof. Nesterova, A.I., Moskva.

(ANTIGENS AND ANTIBODIES) (DIELECTRICS)

SACHKOV, V.I.; GRIGOR'YEVA, M.P.; TOKMACHEV, Yu.K.; ANOKHIN, V.N.

Presence of a streptococcal antigen in rheumatic fever serum.
Zhur.mikrobiol.,epid.i immun. 30 no.12:122 D '59. (MIRA 13:5)
(RHEUMATIC FEVER) (STREPTOCOCCUS)

L 38963-66

ACC NR: AP6020033

(A)

SOURCE CODE: UR/0066/66/000/002/0028/0031

AUTHOR: Pavlovskiy, P. Ye. (Candidate of chemical sciences, Docent); Grigor'yeva, M.P.

ORG: Moscow Technological Institute of the Meat and Milk Industry (Moskovskiy tekhnologicheskii institut myasnoy i molochnoy promyshlennosti) 33

TITLE: Proteolytic changes of white and red muscles during refrigeration of chicken meat 22

SOURCE: Kholodil'naya tekhnika, no. 2, 1966, 28-31

TOPIC TAGS: food, refrigeration, low temperature effect, *COMMERCIAL ANIMAL,* *FOOD CHEMISTRY*

ABSTRACT: This article gives comparative investigations of the changes of proteolytic activity and the accumulation of free amino acids in white and red muscles during refrigeration of chicken meat. The proteolytic activity was determined by the change of the optical density of filtrates after precipitation with trichloroacetic acid which were obtained as a result of 4-8 hr incubation at 37C of denatured horse blood hemoglobin with muscle tissue extracts before and after thermostating. The change of optical density of the filtrate was referred to 1 mg of protein extract. The optical density was determined on a spectrophotometer at 279 μ . The content of amino acids was established by one-dimensional partition

Card 1/2

UDC: 637.54.037.1:577.1

L 38963-66

ACC NR: AP6020033

chromatography with subsequent photolorimetric analysis of their copper derivatives. The investigation revealed that the initial proteolytic activity of extracts of red muscles is, by a factor of 14, higher than extracts from white muscles. During autolysis it drops for the red muscles, however it remains higher than that for the white muscles. During autolysis of the white muscles the proteolytic activity of the extracts increases and by the end of eight days reaches the original activity of the red muscles. Freezing and thawing increase the proteolytic activity of muscles. After storing red muscles in a frozen form for two, and of white muscles for four months, there was a further increase of proteolytic activity of the muscle extract after their thawing. With a longer storage time the proteolytic activity remains just as high, only dropping somewhat with an increase of storage time. The nonautolyzed red muscles, in comparison with the white, contain appreciably more free amino acids, especially glutamic acid and glutamine. Under identical conditions of autolysis free amino acids are accumulated more intensely in unfrozen red muscles than in white muscles. After freezing the muscles and storing them in a frozen form there is an appreciably greater accumulation of free amino acids in comparison with unfrozen muscles, this being more pronounced for the red muscles. Orig. art. has: 4 figures.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 006/ OTH REF: 003

Card

2/2 JP

GRIGORYEVA, M. T., BELOUSOVA, A. K., AND ATABEKOVA, T. I. (USSR)

"The Participation of Deoxyoligonucleotides in the
Biosynthesis of the Tumour Cell DNA."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

SGIWEV, A. D., KRUTYAKOVA, A. V., STRELEKOVA, A. I., GRIGORIYeva, M. E., KUMYKIDOV, A. M.,
SHLAKHO, A. V., TRUFANOVA, A. M.,

Meat Industry and Trade

Stakhanovite innovators speak of their work. Mias. ind. SSSR 'No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 ~~1953~~, Uncl.

RACHEV, L., prof.; TODOROV, Y., dots.; STATEVA, St., doktor;
DANILEVSKAYA, N. [translator]; MIRONOV, S., doktor [translator];
IVANOVA, I., doktor [translator]; GRIGOR'YEVA, N., red.;
SLAVOV, Boyan, tekhn. red.

[Metabolism in children] Obmen veshchestv v detskom vozraste.
Sofia, Gos. izd-vo med. i fizkul'tura, 1962. 423 p.
(MIRA 16:2)

(METABOLISM) (CHILDREN--DISEASES)

GRIGOR' YEVA, N. N.,

"The population participation to the defense of children and mothers' health"

report to be submitted for the 1st Intl. Conference on Living Conditions and Health
in the Mediterranean and Black Sea Basin (IMA), Palermo, Italy, 17-20 Oct 63

ACC NR: AN7005514 (N) SOURCE CODE: UR/9001/67/000/007/0016/0016

AUTHOR: Grigor'yeva, N.

ORG: none

TITLE: Underwater electronic robot

SOURCE: Ekonomicheskaya gazeta, no. 7, Feb. 67, p. 16, cols. 1-5

TOPIC TAGS: marine ^{equipment,} ~~robot~~ geologic instrument

ABSTRACT: An underwater geological robot is being developed at the Laboratory of Marine Electronics of the Institute of Oceanology, Academy of Sciences USSR, under the direction of N. Vershinskiy and V. Yastrebov. The robot will be capable of carrying out various geological operations 4-6 km below the ocean's surface. The robot will consist essentially of two spheres (each 50 cm in diameter) mounted on a special frame. One sphere will contain a TV system with a frequency band of 70 kHz instead of the usual 7 MHz. Frame frequency will be only one frame per second. Such a system will make it possible to replace the multistrand TV cable with a steel truss having three current-conducting strands. The second sphere will house a camera for making "stills." The robot will also have manipulators or "hands" capable of ten types of motion. [NC]

SUB CODE: 08/ SUBM DATE: none/ ATD PRESS: 5115

Card 1/1

UDC: none

TRIGOR'YEVA, N. B.

Diagram of the visible photographic magnitude-color index relationship
for cluster NGC 6940. Astron. tsir. no.178:21-22 Mr '57. (MLRA 1-4)

1. Gouudarstvennyi astronomicheskiy institut imeni Shternberga.
(Stars--Clusters)

GRIGOR'YEVA, N.B.: Master Phys-Math Sci (diss) -- "Investigation of the gal-
actic clusters NGC 752 and NGC 6940". Moscow, 1958. 8 pp, (Moscow Order of
Lenin and Order of Labor Red Banner State U im M.V. Lomonosov, State Astro-
nomy Inst im N.K. Shternberg), 110 copies (KL, No. 1, 1959, 113)

GRIFOR'YEVA N.B.

ISSUE I BOOK STRUCTURE

Introduction and Summary of the Astronomical Institute, Academy of Sciences, USSR (1957) (Moscow, 1958). 120 p. Series 4113. Moscow, USSR.

No. 1. V.A. Grigor'eva, M.I. S.P. Shchegolev, A.I. Zhurav, G.K. Zil'ber, S.A. Zhurav, S.V. Zhurav (Secretary), S.A. Zhurav, and V.O. Zhurav (Copy, M.).

Contents: The book is intended for astronomers and astrophysicists. Contents: This is a collection of 12 articles. In the first four articles V.A. Grigor'eva deals with the formation of stars and planets, describing their evolution and their evolution in the regions of spiral arms of galaxies. The articles of S.V. Zhurav deal with the evolution of stars in the spiral arms of galaxies. The remaining articles, written by different authors, deal mainly with problems of spectroscopy such as the monitoring of light in the atmosphere in the nearest infrared region of the band 3-5.

operation, collection of star images and the relation to the spectra of stars of pulsations of the pulsation spectroscopy, including the study of the evolution of the pulsation spectra and the evolution of the pulsation spectra. References accompany most of the articles.

TABLE OF CONTENTS:

Grigor'eva, V.A. Evolution of Stars and the Origin of the Solar System	3
Grigor'eva, V.A. Star Clusters and Their Planets in the Region of Galactic Shells	11
Grigor'eva, V.A. Description of Stars with an α Spectroscopy of the Atmospheric Infrared Region during the Spectation of 1955	19
Grigor'eva, V.A. Infrared Spectral Light in the Spectation of July 1957	28

Band 3/5

Zil'ber, G.K. Inter Relations of the General Astrophysical Institute in Typical Characteristics of an Interstellar Cloud System	39
Zil'ber, G.K. Problem of Light Star in the Red and Green Lines	55
Zil'ber, G.K. Indicator of Light Spectroscopy in the Atmosphere in the Infrared Infrared Region of the Spectrum	65
Zil'ber, G.K. Investigation of the Evolution of Star Images according to Spectroscopy of the Spectation of the Astronomical Institute	75
Zil'ber, G.K. Polarization of the Interstellar Spectrum	79
Zil'ber, S.A. Interrelation of a Spectroscopic System	85
Zil'ber, S.A. Investigation of Clouds in the 1-2 and 3-5 μ m	90

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GRIGOR'YEVA, N.B.

Studying the NGC 752 and NGC 6940 clusters [with summary in English]. Izv. Astrofiz. inst. Kazakh. SSR 7:90-110 '58. (MIRA 11:7)
(Stars--Clusters)

3(1)

AUTHOR: Grigor'yeva, N.B. SOV/33-35-6-15/18

TITLE: The Galactic Cluster NGC 6940

PERIODICAL: Astronomicheskii zhurnal, 1958, Vol 35, Nr 6, pp 936-938 (USSR)

ABSTRACT: The author determines the colour indices and photographic magnitudes of 511 stars in the region of the cluster NGC 6940. The photographs have been made in 1953 near Alma - Ata in the Institute for Astrophysics of the AS Kazakh SSR. An H-R diagram was constructed using results of R.A. Rach and S. Vasilevskis [Ref 3, 7]. The luminosity function for the cluster was derived. The interstellar absorption has been estimated according to a method due to P.P. Parenago [Ref 5]. There are 3 figures and 5 references, 1 of which is Soviet, 2 are American, and 2 English.

ASSOCIATION: Gosudarstvennyy astronomicheskii institut imeni P.K. Shternberga (State Astronomical Institute imeni P.K. Shternberg)

SUBMITTED: January 15, 1958

Card 1/1

BRODSKAYA, E.S.; GRIGOR'YEVA, N.B.

Investigating interstellar absorption in the direction of
supernova 1572. *Astron.zhur.* 39 no.4:754-755 J1-Ag '62.
(MIRA 15:7)

1. Gosudarstvennyy astronomicheskiy institut imeni P.K.Shternberga
i Krymskaya astrofizicheskaya observatoriya AN SSSR.
(Stars, New)

S/2623/62/000/118/0065/0069

ACCESSION NR: AT4038541

AUTHOR: Grigor'yeva, N. B.

TITLE: Hot stars in the cluster NGC 6823 and its immediate surroundings

SOURCE: Moscow. Univ. Gos. astron. inst. Soobshch., no. 118, 1962, 65-69

TOPIC TAGS: astronomy, star, star cluster, O-B star, hot star, Milky Way

ABSTRACT: The Kry*mskaya astrofizicheskaya observatoriya AN SSSR (Crimean Astrophysical Observatory) has been making a study of the Milky Way; a spectral classification is being made and stellar magnitudes and color indices for stars up to 12m.5 in various parts of the Milky Way are being determined. In a region with the center $\alpha = 19^h32^m$, $\delta = +22^\circ$ (coordinates of 1950.0) 63 hot stars of classes O-B have been discovered in an area of 36 square degrees. These stars are distributed very unevenly, almost half being concentrated in an area of 3 square degrees with the center $\alpha = 19^h41^m$, $\delta = +23^\circ$. The open cluster NGC 6823 is located near this center, possibly being the nucleus of an O association. The position of these 30 stars is shown on the map (Fig. 1 of the Enclosure) and all data are shown in Table 1. The cluster includes 12 stars of classes O-B; 5 stars surround the star BD +23°3760. Table 2 lists the spectral classes for the stars of the cluster NGC

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ACCESSION NR: AT4038541

6823, determined by the author and derived from other sources. The spectral classes were determined from 4 plates. True distance to the cluster was found to be 1800 parsecs. Data on color excess also are given. "In doing this work the author received valuable advice from E. S. Brodskaya and I. I. Pronik, colleagues at the Crimean Astrophysical Observatory, to whom she expresses her gratitude." Orig. art. has: 1 figure and 2 tables.

ASSOCIATION: Gosudarstvennyy astronomicheskiy institut Moskovskogo universiteta
(State Astronomical Institute of Moscow University)

SUBMITTED: 00May61

DATE ACQ: 18Jun64

ENCL: 01

SUB CODE: AA

NO REF SOV: 0004

OTHER: 0003

Card 2/3

ACCESSION NR: AT4038541

ENCLOSURE: 01

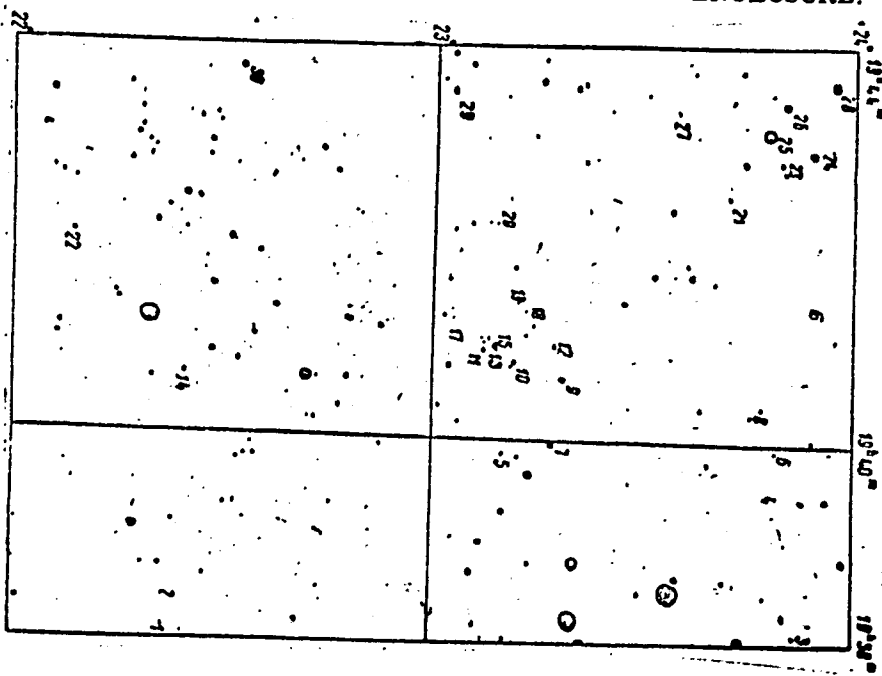


Fig. 1. Map of the neighborhood of the cluster NGC 6823 (ϵ , δ 1950, 0) (stars identified in Table 1 of text)

Card 3/3

SPICOR'YEVA, N.P.

Distribution of absorbing matter in the direction of galactic
longitudes $117-124^\circ$. Astron.zhur. 41 no.1:135-136 Ja-F '64.
(MIRA 17:4)

1. Gosudarstvennyy astronomicheskiy institut im. F.K.Shternberga.

GRIGOR'YEVA, N.F.

In vivo observations on interneuronic synapses. Dokl. AN SSSR 134
no.1:179-182 S '60. (MIRA 13:8)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova
i institut fiziologii im. I.P. Pavlova Akademii nauk SSSR.
Predstavleno akad. N.N.Anichkovym.
(Nerves)

BEZLER V. M. and GIMOR'YEVA, N. F.

"Material on the Morphological Characteristics of Connective-Tissue
and Muscle Tumors Induced by 20-Methylcholanthrene in Mice and Rats."
pp. 11

Institute of Cytology AS USSR Laboratory of the Cytology of Malignant
Growth

II Nauchnaya Konferentsiya Instituta Tsitologii AN SSSR. Tезисы Докладов
(Second Scientific Conference of the Institute of Cytology of the Academy
of Sciences USSR, Abstracts of Reports), Leningrad, 1962 88 pp.

JPRS 20,634

BRESLER, V.M.; GRIGOR'YEVA, N.F.

Characteristics of tumors originating in the connective tissue and muscles and produced by intramuscular administration of 20-methylcholanthrene. Part 1: Cytological characteristics of tumors in mice and rats. Tsitologiya 4 no.3:264-275 Mye '62.

(MIRA 16'3)

1. Laboratoriya tsitologii zlokachestvennogo rosta Instituta tsitologii AN SSSR, Leningrad.

(CHOLANTHRENE)

(CANCER)

BRESLER, V.M.; GRIGOR'YEVA, N.F.

Comparative cytological analysis of tumors caused by the intramuscular
and intratesticular introduction of a cancerogen. Sbor. rab. Inst.
tsit. no.7:56-68 '63. (MIRA 17:6)

BARAM, A.A.; GRIGOR'YEVA, N.F.

High-speed determination of the impurities of a complex catalyst in polyolefins in the process of washing with alcohol. Plast. massy no.2: 66 '65. (MIRA 18:7)

GRIGOR'YEVA, N. G.

USSR/Medicine - Dysentery

Nov 53

"Attempt at the Therapy of Chronic Dysentery of Children by Adapted Bacteriophage,"
Ye. P. Kremer, A. V. Burukina, Ye. N. Kruglikova, N. G. Grigor'yeva, Chair of Faculty
Pediatry, Kazan' Med Inst; Kazan' Inst of Epidemiol and Microbiol

Zhur Mikro, Epid, i Imman, No 11, p 69

Bacteriophage adapted to local strains of dysentery bacteria proved effective in the
treatment of chronic dysentery of children.

271148

SELYAROVA, N.N.; GRIGOR'YEVA, N.G.

Diagnosis of whooping cough in children's institutions. Zhur.
mikrobiol.epid. i immun. 27 no.4:26-27 Ap '56. (MLRA 9:7)

1. Iz laboratorii kapel'nykh infektsiy Instituta imeni Pastera.
(WHOOPIING COUGH)

GRIGOR'YEVA, N.G.

"Epidemic Hepatitis in Leningrad and the Problems of Controlling
It", paper submitted at Conference on Problems of Epidemic Hepatitis, Leningrad
8 May 57

Sum in 1429

GRIGOR'YEVA, N. G.; KACHANSKAYA, YE. S.; KAUSHANSKAYA, B. YE.;
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"Experience of active immunization against measles.

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Experience in the control of diphtheria in Leningrad during the period 1948-1959. Sov.med. 24 no.12:111-116 D '60.

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(LENINGRAD--DIPHTHERIA)

5(4)
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TITLE: Substitution Reactions in Dipyridine Complex Compounds of Bivalent Nickel and Cobalt (O reaktsiyakh zameshcheniya v dipiridinovykh kompleksnykh soyedineniyakh dvukhvalentnykh nikelya i kobal'ta)

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ABSTRACT: The substitution reactions in dipyridine complex compounds of bivalent nickel and cobalt were investigated in order to find out the influence of the individual addenda on the complex. NiPy_2Cl_2 and CoPy_2Cl_2 were used as initial compounds. The latter compound exists in two modifications: α -violet and β -blue. It was found that in alcoholic solutions of NiPy_2Cl_2 and CoPy_2Cl_2 the chlorine ion may be exchanged by bromine, nitrito, thiocyanogen, and oxalate groups. The following compounds were produced: $\text{NiPy}_2(\text{NO}_2)_2 \cdot 2\text{H}_2\text{O}$ in the form of prisms, refractive index $N_1 = 1.682$ and $N_2 = 1.530$. The

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compound is soluble in water and acetone, and insoluble in chloroform. The solubility in methyl alcohol is 9.52% at 25°; $\text{NiPy}_2(\text{NCS})_2$ crystallizes in the form of fine blue crystals which show a solubility of 1.6% in methyl alcohol; for the first time $\text{NiPy}_2\text{C}_2\text{O}_4$ was separated (blue crystals).

$\text{CoPy}_2(\text{NO}_2)_2$ crystallizes in the form of yellow-pink crystals; $\text{CoPy}_2(\text{NCS})_2$ crystallizes in the form of violet prisms. On joint crystallization in alcoholic solutions of NiPy_2Cl_2 and $\text{NiPy}_2(\text{NO}_2)_2 \cdot 2\text{H}_2\text{O}$, and NiPy_2Br_2 and $\text{NiPy}_2(\text{NO}_2)_2 \cdot 2\text{H}_2\text{O}$, respectively, the following isomorphous compounds were produced: $\text{NiPy}_2\text{NO}_2\text{Cl} \cdot 2\text{H}_2\text{O}$ and $\text{NiPy}_2\text{NO}_2\text{Br} \cdot 2\text{H}_2\text{O}$, respectively.

Cobalt did not show similar compounds. The X-ray analyses of these compounds showed that new isomorphous compounds have been found. The electric conductivity in the nickel dipyridine compounds was determined and magnetic investigations were carried out; (the latter by V. I. Belova). The

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properties of the dipyrindine nickel compounds are shown in detail in table 2. The stability in alcoholic solutions has the following order:

$\text{NiPy}_2(\text{CNS})_2 \gg \text{NiPy}_2(\text{NO}_2)_2 \gg \text{NiPy}_2\text{NO}_2\text{Cl} \gg \text{NiPy}_2\text{NO}_2\text{Br} \gg \text{NiPy}_2\text{Cl}_2 \gg \text{NiPy}_2\text{Br}_2$. There are 2 tables and 12 references, 4 of which are Soviet.

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