

VARTAN'YAN, S.A.

How we utilize capital assets. Vest. svyazi 25 no. 11:29-30
N '65. (MIRA 18:12)

1. Predsedatel' soveta ekonomicheskogo analiza pri Murmanskoy
oblastnom upravlenii svyazi.

VARTANYAN, S.A.

Book on "Cuprocatalysis." 1st. An Arm. SSR. Khim. nguki 17 no. 4:457-461
1964. (MIRA 18:6)

1. CHURSHIN, M. A. ; VARTANYAN, S. A.
 2. USSR (600)
 4. Agricultural Machinery Industry
 7. Trade conference of workers in enterprises producing combines and harvesting machinery for the Ministry of the Agricultural Machinery Industry, Sel'khozmaschina, No. 10, 1952
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

VARTAN [unclear]

USSR/ Miscellaneous - Training

Card 1/1 Pub. 133 - 11/23

Authors : Vartan'yan, S. A., Head of the Planning and Financial Division of the
Krasnodar Communications Region

Title : Refresher courses for economists employed in the engineering branches
of communications

Periodical : Vest. svyazi 11, page 17, Nov 1954

Abstract : Information is given on refresher courses, organized by the Krasnodar
Regional office for communications, for economists working in the field
of communications. Theoretical studies were combined with field training
of the specialists in the Krasnodar Central Communications Engineering
Branches. Suggestions are made for increasing the number of hours spent
by the students for practical "on the job" training.

Institution:

Submitted:

VARTANYAN, S. A.

USSR/ Miscellaneous - Communications

Card 1/1 Pub. 133 - 10/18

Authors : Vartanyan, S. A.

Title : How we improve the quantitative and qualitative indices

Periodical : Vest. svyazi 2, 19 - 20, Feb 1955

Abstract : Brief progress reports are cited showing how the personal efforts of communication workers made it possible to improve the economy of the Krasnodar region telephone and telgraph stations.

Institution:

Submitted:

VARTAN YAN, S.A.

Increasing labor productivity is a problem of utmost importance.
Vest. sviazi 24 no.1:13-14 Ja '61. (MIRA 17:3)

VARTAN'YAN, S.A.

Work quality and economics are inseparable. Vest. svyazi 25 no.7:
25-26 JI '65. (MIRA 18:8)

1. Zamestitel' nachal'nika Marmanskogo oblastnogo upravleniya
svyazi.

VARTANYAN, S.U.

Some data on the prospecting importance of the dispersion halos and the physicommechanical properties of rocks in the pyritic copper deposits of northern Armenia. Izv. vys. ucheb. zav.; geol. i razv. 4 no.1:68-77 Ja '61. (MIRA 14:7)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze.
(Armenia—Chalcopyrite)

VARTANYAN, S.U.

Role of the physicochemical properties of rocks in the localization of blind ore bodies and the basis for sending for them as revealed by pyrite deposits of northern Armenia. Izv.vys.ucheb.zav.; geol. i razv. 4 no.12:75-84 D '61. (MIRA 15:2)

1. Moskovskiy geologorazvedochnyy institut imeni S.Ordzhonikidze. (Armenia--Ore deposits)

VARTANYAN, S.U.

Formation conditions of blind ore bodies in pyrite deposits of
northern Armenia. Trudy MGRI 39:86-91 '63. (MIRA 16:10)

L 15682-35 BWT(m)/T ASD-3/AFWL/AMD/LOK(C), ASD(t), ABDC(a), SSD, BSD,
AFWL/ASD(a)-5/ASD(p)-3/AFMDC
ACCESSION NR: AP4047467 8/0120/64/000/005/1 103/0106

AUTHOR: Yegiyani, K. Sh.; Vartanyan, S. V.

TITLE: Automatic selection of ionization stops of charged particles in a
scintillation telescope 19

SOURCE: Priory* i tekhnika eksperimenta, no. 5, 1964. 103-106

TOPIC TAGS: particle physics, charged particle, scintillation telescope

ABSTRACT: An electronic circuit is described which permits the automatic isolation of ionization stops of charged particles by the author's method (see Abstract AP4047461). Events are isolated in which three simultaneous signals are connected by: $A(U_1/U_2)^x - B(U_1/U_3)^y = C$, where A, B, C, and x, y are constants, U_1, U_2, U_3 are the amplitudes of signals. The circuit depends for its action on the conversion of a power of the ratio of amplitudes of two pulses into a pulse whose amplitude is proportional to the above power. The possibility of using the

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L 15682-65

ACCESSION NR: AP4047467

circuit for a determination of the charged-particle mass by means of a scintillation telescope is demonstrated; a few experimental trials are reported. Orig. art. has: 3 figures and 17 formulas.

ASSOCIATION: Fizicheskii institut GKAE (Institute of Physics, GKAE)

SUBMITTED: 04Mar64

ENCL: 00

SUB CODE: EC, OP

NO REF SOV: 006

OTHER: 001

Card 2/2

L 12411-65 FWT(m)/EWF(b) AFMD(t)/BSD/ASD(a)-5/SSD/AFWL/ASM(p)-2/ESD(t) JD/JC
S/0032/64/030/011/1301/1308

ACCESSION NR: AP4043360

AUTHORS: Tarayan, V. M.; Vartanyan, S. V.

TITLE: Development of analytical methods for determining rhenum 27

SOURCE: Zavodskaya laboratoriya, v. 30, no. 11, 1964, 1301-1308

TOPIC TAGS: rhenum, chemical analysis, photometry, polarographic analysis, spectrography

ABSTRACT: This is a survey of work done on rhenum analysis during the past 4 or 5 years. A very extensive literature, both Soviet and foreign, is reviewed, and summaries are given of numerous techniques falling under the following headings: gravimetric and titration methods, photometric methods, polarographic analysis, spectral methods, determination of trace quantities, and separation of rhenum from accompanying elements. Under determination of trace quantities, kinetic and neutron activation techniques are reviewed separately. Separation techniques refer specifically to molybdenum and tungsten and to technetium. No critical evaluation is given for the different methods.

ASSOCIATION: none

Card 1/2

L 12411-65

ACCESSION NR: AP4048360

SUBMITTED: 00

SUB CODE: GC, OP

NO REF SOV: 072

0
ENCL: 00

OTHER: 054

Card 2/2

KHRIMYAN, A.V.; AVAKYAN, V.V.; PLESKO, M.F.; VARTANYAN, T.G.

Generation of air showers by π -mesons and protons with momenta of
0.1 to 20 Bev./c in thin plates of a substance. Izv. AN SSSR.Ser.
fiz. 29 no.10:1956-1961 0 '65. (MIRA 18:10)

L 2629-66 EWT(1)/EWT(m)/FCC/T/EWA(h) IJP(c) GW

ACCESSION NR: AP5026238

UR/0048/65/029/010/1956/1961

AUTHOR: Khrimyan, A.V.; Avakyan, V.V.; Fleshko, M.P.; Vartanyan, T.G.

TITLE: Investigation of low-energy charged particles with the Cosmos 12, Cosmos 15, and Electron 2 satellites Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 10, 1965, 1956-1961

TOPIC TAGS: primary cosmic ray, secondary cosmic ray, cosmic ray shower, proton interaction, pi meson

ABSTRACT: The authors, continuing earlier work of one of them (Zh. eksper. i teor. fiz., 35, 1076, 1958), have investigated the production of showers in matter by high energy protons and pions in order to acquire data for estimating the secondary background due to the surrounding material in rocket and satellite measurements of primary cosmic radiation. The measurements were performed at Aragats at an altitude of 3200 m above sea level. The investigated protons and pions were produced in lead by cosmic ray neutrons; their momenta were determined with the aid of a magnetic field, and their ionizing powers were measured with a sequence of five gas-

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L 2629-66

ACCESSION NR: AP5026238

filled proportional counters. After passing through the magnetic field and the proportional counters, the secondary particle entered an "interaction hodoscope," consisting of a layer of polystyrene, three thin ($\sim 15 \text{ g/cm}^2$) layers of lead, and four thick ($\sim 43 \text{ g/cm}^2$) layers of copper, with counter trays between them. The data are presented graphically as momentum versus ionizing power plots for the particles that exhibited different specific types of behavior in the interaction hodoscope. From the data presented it is concluded that 15% of the events recorded by a detector surrounded by $10-50 \text{ g/cm}^2$ of heavy metal will be shower events, that the probability of producing a penetrating shower increases with increasing momentum of the initiating particle, that a pion with momentum between 0.1 and 0.7 BeV/c is from two to four times more likely to produce a shower than is a proton of the same momentum, and that it will be difficult to identify primary cosmic ray electrons or γ -rays by observing the showers they produce unless the secondary particles are identified. "The authors express their gratitude to G.V.Khrimyan for discussing the results and for valuable remarks, and to G.G.Matevosyan, E.V.Patvakanyan, G.M.Smsaryan, V.S.Trutzyan, and A.A.Oganesyan for assistance with the work." Orig. art. has: 3 figures and 1 table. [15]

ASSOCIATION: none

Card 2/3

L 2629-66

ACCESSION NR: AP5026238

SUBMITTED: 00

ENCL: 00

SUB CODE: AA, NP

NO REF SOV: 009

OTHER: 002

ATD PRESS: 4/124

Card

3/3

SP

ASLANYAN, G. SH.; VAHANYAN, T. T.

Ascorbic Acid

Variation in the contents of ascorbic acid in the tubers and tops of potato plants grown under varied conditions. Biokhimiia 17 no. 2, 1952.

UNCLASSIFIED

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

ASLANYAN, G.Sh.; VARTANYAN, T.T.

Dynamics of the accumulation of vitamin C in potato tubers under various ecological conditions of the Armenian S.S.R. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 2 no.3:275-282 '49. (MLRA 9:8)

1. Institut zemledeliya Akademii nauk Armyanskoy SSR.
(ARMENIA--POTATOES) (ASCORBIC ACID)

BABAYAN, A.A.; BARSEGYAN, S.G.; KECHEK, N.A.; VARTANYAN, U.S.

Study of the resistance of tobacco varieties and hybrids to
Peronosporales. Izv. AN Arm. SSR. Biol. nauki 18 no.8:3-9
Ag '65. (MIRA 18:9)

1. Armyanskiy nauchno-issledovatel'skiy institut zemledeliya i
Armyanskiy nauchno-issledovatel'skiy institut zashchity rasteniy.

KARAPETYAN, S.K., akademik; VARTANYAN, V.A.

Making blood counts for birds, amphibians and reptiles. Dokl. AN
Arm. SSR 29 no.2:93-96 '59. (MIRA 12:11)

1. Institut fiziologii Akademii nauk Armyanskoy SSR. 2. AN Armyanskoy
SSR (for Karapetyan).

(BLOOD CELLS)

KARAPETYAN, S.K.; VARTANYAN, V.A.; BALASANYAN, R.G.

Improvement of the method of determining carotene in plants and feeds. Izv. AN Arm. SSR. Biol. nauki 16 no.9:3-6 S'63
(MIRA 17:7)

1. Institut fiziologii imeni akademika L.A. Orbeli AN Armyan-skoy SSR.

SHUKURYAN, K.G.; VARTANYAN, V.A.; BABAYAN, G.R.

Hyaluronidase content and activity in tissue extracts of tonsils
in chronic tonsillitis. Zhur. eksp. i klin. med. 2 no.6:81-87 '62.
(MIRA 18-10)

1. Kafedra bolezney ukha gorla i nosa Yerevanskogo meditsinskogo
institute.

VARTANYAN, V.Ye.

Treating nonhealing ulcers with drug-induced sleep. Izv.AN Arm.
SSR.Biol.i sel'khoz.nauki. 6 no.7:93-98 '53. (MLRA 9:8)

1. Kafedra fakul'tetskoy khirurgii pri Yerevanskom meditsinskom
institute.

(ULCERS) (SLEEP--THERAPEUTIC USE)

VARTANYAN, V.Ye., kandidat meditsinskikh nauk; TATKALO, I.V. (Krasnodar)

Congenital sarcoma in newborn. Khirurgia no.9:69 S '54.

(SARCOMA,

(MLRA 7:12)

shoulder, congen. in newborn)

(SHOULDER, neoplasms,

sarcoma, congen. in newborn)

(INFANT, NEWBORN, diseases,

sarcoma of shoulder)

Vartanyan, V.E.

SHMELEV, I.V., professor; VARTANYAN, V.E., kandidat meditsinskikh nauk.

Kidney adenocarcinoma in a 4-month-old child. Vest. khir. 76 no.11:
130-131 '55. (MLRA 9:4)

1. Iz propedevticheskoy khirurgicheskoy kliniki (zav.-professor I.
V. Shmelev) Kubanskogo meditsinskogo instituta.

(ADENOCARCINOMA

kidney, in inf.)

(KIDNEYS, neoplasms

adenocarcinoma, in inf.)

(INFANT, NEWBORN, dis.

adenocarcinoma of kidney)

VARTANYAN, V.Ye.

VARTANYAN, V.Ye.

Perforated diverticulum of the small intestine. Nov.khir.srkh.
no.2:75 Mr-Ap '57. (MLRA 10:8)

1. Kafedra propedevticheskoy khirurgii Kubanskogo meditsinskogo
institute

(INTESTINES--ABNORMITIES AND DEFORMITIES)

VARTANYAN, V. Ye.
VARTANYAN, V. Ye., kand.med.nauk

Change in hemodynamics following resection and removal of the stomach
for cancer under local anesthesia. Khirurgiia 33 no.11:47-51 N '57.

(MIRA 11:2)

1. Iz kafedry obshchey khirurgii (zav. - prof. I.V.Shmelev) Kuban-
skogo meditsinskogo instituta.

(STOMACH NEOPLASMS, surg.

gastrectomy, subtotal & total, hemodynamic changes (Rus))

(GASTRECTOMY, in various dis.

subtotal & total in stomach cancer, hemodynamic
changes (Rus))

VARTANYAN, V.Ye., kand.med.nauk

Treatment of brain contusion and concussion with drug-induced
sleep. Sov.med. 22 no.4:120-123 Ap '58 (MIRA 11:7)

1. Iz kafedry obshchey khirurgii (zav. - prof. I.V. Shmelev)
Kubanskogo meditsinskogo instituta.

(BRAIN, wds. & inj.

concussion & contusion, ther., medicated sleep (Rus))

(CONTUSIONS, ther.

medicated sleep in brain contusions (Rus))

(SLEEP, ther. use

brain concussion & contusions (Rus))

VARTANYAN, V.Ye., kand.med.nauk

Prevention of bronchial fistula and pleural empyemas following pulmonary resection; experimental and clinical investigation [with summary in English]. Khirurgiia 35 no.1:36-42 Ja '59.
(MIRA 12:2)

1. Iz kafedry obshchey khirurgii (zav. - prof. I.V. Shmelev)
Kubanskogo meditsinskogo instituta.

(PNEUMONECTOMY, compl.

postop. bronchial fistula & pleural empyema,
prev. (Rus))

(BRONCHI, fistula,

post-pneumonectomy, prev. (Rus))

(EMPYEMA, PLEURAL,
same)

VARTAN'YAN, V.Ye., kand.med.nauk (Krasnodar, Pashkovskaya ul., d.59
kv.6)

Arteriovenous aneurysm of the lung. Ves.khir. 82 no.1:133-135
Ja '59. (MIRA 12:2)

1. Iz kliniki obshchey khirurgii (zav. - prof. I.V. Shmelev)
Kubanskogo meditsinskogo instituta imeni Krasnoy Armii.
(FISTULA, ARTERIOVENOUS, case reports
lungs (Rus))
(LUNGS, blood supply
arteriovenous fistula (Rus))

VARTANYAN, V.E.

Case of large fibroma of the pleural cavity. Khirurgiia 36
no.1:105-106 Ja '60. (MIRA 13:10)
(PLEURA---TUMORS)

VARTANYAN, V.Ye., kand.med.nauk

Late results following gastric resection in cancer. Sov. med. 25 no.8:
108-111 Ag '61. (MIRA 15:1)

1. Iz kafedry obshchey khirurgii (zav. - prof. I.V.Shmelev) Kubanskogo
meditsinskogo instituta.
(STOMACH...CANCER)

VARTANYAN, V.Ye., kand.med.nauk

Treatment of the bronchial stump with polyvinyl alcohol in experimental resection of the lung. Khirurgiia 37 no.1:97-101
Ja '61. (MIRA 14:2)

1. Iz kafedry obshchey khirurgii (zav. - prof. I.V. Shmelev)
Kubanskogo meditsinskogo instituta.
(LUNGS—SURGERY) (VINYL ALCOHOL POLYMERS)

VARTANYAN, Yu.L.

Polarization effects in bremsstrahlung. Dokl. AN Arm. SSR 30 no.5:265-269 '60. (MIRA 13:8)

1. Institut matematiki i mekhaniki Akademii nauk Armyanskoy SSR.
Predstavleno chlenom-korrespondentom AN Armyanskoy SSR N.M. Kocharyanom.
(Bremsstrahlung) (Polarisation (Electricity))

ARUTYUNYAN, V.M.; VARTANYAN, Yu.L.; CHUBARYAN, E.V.; SHAKHBAZYAN, V.A.; AMATUNI, A.TS.; DZHRBASHYAN, V.A.; MELIK-BARKHUDAROV, T.K.; TEVIKYAN, R.V.; BERESTETSKIY, V.B., prof., red.; SHTIBEN, R.A., red. izd-va; KAPLANYAN, M.A., tekhn. red.

[Problems in the theory of strong and weak interactions of elementary particles; lectures] Voprosy teorii sil'nykh i slabyykh vzaimodeistvii elementarnykh chastits; lektsii. Pod obshchei red. V.B.Berestetskogo. Erevan, Izd-vo Akad. nauk Armianskoi DDR, 1962. 190 p. (MIRA 15:5)

1. Akademiya nauk Armyanskoy SSR. Fizicheskiy institut.
(Nuclear reactions)

S/022/62/015/006/005/006
D218/D308

AUTHORS: Saakyan, G.S. and Vartanyan, Yu. L.
TITLE: On the solutions of Einstein's equations
for axially symmetric fields
PERIODICAL: Akademiya nauk Armyanskoy SSR. Izvestiya,
v. 15, no. 6, 1962, 83 - 87
TEXT: Olijnychenko (Nuovo Cimento, 21, 389,
1961) has considered Weyl's solution and has shown that in the
case of a static field with an arbitrary metric

$$ds^2 = Xdx^2 + Ydy^2 + Zdz^2 + fdu^2, \quad (1.5)$$

there are no solutions with non-zero distribution of matter.
It is now shown that this paradox could be eliminated by the
use of the following expression

$$T^{ik} = (p + \varepsilon) u u^k + p g^{ik}. \quad (1.8)$$

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On the solutions ...

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D218/D308

Next, it is shown that a static field cannot be axially symmetric. However, a uniformly rotating body can have an axially symmetric field. The metric of an axially symmetric distribution of matter cannot be diagonal. The final section of this paper is concerned with a variational derivation of T_{ik} , which leads to well-known expressions but might be of methodological interest. The method is based on the variation of the action integral

$$S = \frac{1}{c} \int \Lambda \sqrt{-g} d\Omega \quad (3.1)$$

ASSOCIATION: Fiziko-Tekhnicheskaya Laboratoriya AN Armyanskoy
SSR; Yerevanskiy gosudarstvennyy universitet
(Physicotechnical Laboratory, AS Armenian SSR;
Yerevan State University)

SUBMITTED: May 30, 1962

Card 2/2

S/022/62/015/006/006/006
D218/D308

AUTHORS: Vartanyan, Yu. L. and Saakyan, G.S.
TITLE: On the collapse of gravitating masses
PERIODICAL: Akademiya nauk Armyanskoy SSR, Izvestiya,
v. 15, no. 6, 1962, 89 - 91

TEXT: Oppenheimer and Volkoff (Phys. Rev., 56, 455, 1939) have discussed the behavior of degenerate stars whose masses exceed the mass of the sun. They assumed the pressure to be zero and showed that on this approximation the field equations used in the above paper, indicate that the pressure gradient is also zero, which is inadmissible. One should assume that

$$ds^2 = c^2 e^{\sigma} d\tau^2 - e^{\mu} (d\theta^2 + \sin^2 \theta d\varphi^2) - e^{\omega} dr^2 \quad (4)$$

where σ , μ and ω are functions of R and τ . It is noted that Einstein's equations corresponding to this metric have not as yet

Card 1/2

On the collapse of ...

S/022/62/015/006/006/006
D218/D308

been solved, and hence the continued gravitational concentration of large masses is still an open question.

ASSOCIATION:

Yerevanskiy gosudarstvennyy universitet,
Fiziko-tekhnicheskaya laboratoriya, AN
Armyanskoy SSR (Yerevan State University,
Physicotechnical Laboratory AS Armenian SSR)

SUBMITTED:

August 21, 1962

Card 2/2

44231

S/056/62/043/006/029/067
B125/B102

24.6600

AUTHOR: Vartanyan, Yu. L.

TITLE: Energy losses of strongly interacting particles in hydrogen

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43,
no. 6 (12), 1962, 2143-2145

TEXT: The energy losses of nucleons and pions due to strong interactions during passage through hydrogen are calculated using experimental data of V. P. Dzhelepov, B. M. Pontekorvo (UFN, 64, 15, 1958) and others. It is assumed that the particles lose the main part of their energy by collision. In that case the sum of the non-elastic losses $(dE/dx)_r = (N/A)T_0\sigma_r$ is larger than the real energy losses. N denotes the Avogadro number, A the atomic weight, T_0 the kinetic energy of the incident particle and σ_r the

total cross-section of all non-elastic processes. Assuming that the incident proton energy is 675 Mev formula above yields

$(dE/dx)_{\pi^0(+)} = 1.34 (5.26) \text{ Mev}\cdot\text{cm}^2/\text{g}$. If the energy spectra of the

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Energy losses of strongly ...

S/056/62/043/006/029/067
B125/B102

generated particles are known a more exact formula can be obtained, e.g.
 $(dE/dx)_{\pi^+} > N \int (\mu + t) \sigma(\psi, t) dt d\Omega$, where t is the kinetic energy of the

mesons produced and μ the positive-pion mass. The experimental curves
 $\sigma = \sigma(\psi, t)$ of A. G. Meshkovskiy et al. (ZhETF, 31, 560, 1956) yield
 10.19 Mev·cm²/g for the total strong interaction losses if the angle
 has the values $\psi = 29, 46, 60, 75, 90, 105$, and 120° . At 300-400 Mev
 these losses are the same as the electromagnetic losses; at higher energies
 they exceed those. The energy losses of charged pions, calculated by
 similar methods, have a maximum at about 200 Mev. This maximum is due to
 the resonance character of the interaction. The maximum energy losses of
 positive pions are nearly three times larger than the losses of negative
 pion. There are 2 figures.

ASSOCIATION: Fizicheskii institut Akademii nauk Armyanskoy SSR (Physics
 Institute of the Academy of Sciences of the Armyanskaya SSR)

SUBMITTED: June 6, 1962

Card 2/2

BR

ACCESSION NR: AP4010028

8/0022/63/016/006/0137/0145

AUTHOR: Vartanyan, Yu. L.

TITLE: Mass and radii of baryon configurations

SOURCE: AN ArmSSR. Izvestiya. Ser. fiz.-matem. nauk, v. 16, no. 6, 1963, 137-145

TOPIC TAGS: baryon star, hyperon nucleus, superdense star, equation of state, degenerate gas, real gas

ABSTRACT: Various parameters of equilibrium stellar configurations have been calculated, making use of the equations of state

$$\rho = K_n \sum_a \left(\frac{m_a}{m_n} \right)^4 (\text{sh } t_a - t_a) + \rho_v,$$

$$\dot{\rho} = \left(\frac{1}{3} \right) K_n \sum_a \left(\frac{m_a}{m_n} \right)^4 (\text{sh } t_a - 8 \text{sh } t_a/2 + 3t_a) + \dot{\rho}_v,$$

where

$$K_n = m_n^4 c^3 / 32 \pi^2 \hbar^3$$

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ACCESSION NR: AP4010028

c - speed of light, m_k - mass of k -th particle, $t_k = 4 \operatorname{arcsinh} P_k / m_k c$, and the equation

$$u(r) = \frac{c^2 r}{2k} (1 - e^{-1}).$$

These equations were integrated numerically by the Runge-Kutta method at the Vy*chislitel'nyy Tsent, AN ArmSSR (Computer Center, Academy of Sciences, Armenian SSR) from initial conditions $u(0) = 0$ and $P = P(0)$. Results were obtained for the radii, mass, hyperon nuclei, and shells of various stars. These results show the greater part of the mass to be concentrated in the hyperon nuclei of the stars. Graphical representations were obtained for the overall mass and radius of the star as a function of density at the center of the star for real and for ideal gases. The mass-versus-density curve shows an oscillatory character. "The author thanks G. S. Saakyan and E. V. Chubaryan for their help and advice." Orig. art. has: 8 formulas, 4 tables, and 2 figures.

ASSOCIATION: Fiziko-tekhnicheskaya laboratoriya AN Armyanskoy SSR
(Physicotechnical Laboratories, AN Armenian SSR)

Card 2/3

ACCESSION NR: AP4010028

SUBMITTED: 20May63

DATE ACQ: 03Feb64

ENCL: 00

SUB CODE: AA

NO REF SOV: 008

OTHER: 001

Card 3/

ACCESSION NR: AR4039239

S/0269/64/000/004/0031/0031

SOURCE: Ref. zh. Astronomiya, Abs. 4.51.231

AUTHOR: Saakyan, G. S.; Vartanyan, Yu. L.

TITLE: Possible phase states of matter at extraordinarily great densities

CITED SOURCE: Soobshch. Byurakansk. observ., vy*p. 33, 1963, 55-86

TOPIC TAGS: phase state, astrophysics, high density, baryon, elementary particle, star, superdense star, nuclear density, lepton, baryon-lepton gas

TRANSLATION: A study has been made of the equation of state of matter at very great densities and low temperatures. In the development of earlier investigations (see RZhAstr, 1960, No. 10, 10003) the authors considered the possibility of the formation of nuclei in some layer of equilibrium superdense configuration. Until now they have considered purely baryon configurations, that is configurations consisting of a gas of elementary particles. In the investigated superdense star there is a change of phases with movement from

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ACCESSION NR: AR4039239

the center to the surface; these phases correspond to the densities: above nuclear, nuclear and below nuclear. It is shown that when $\rho > 3.3 \cdot 10^{14} \text{ g/cm}^3$ the matter for the most part consists of baryons. The concentration of Leptons is several orders of magnitude less than the concentration of each of the types of baryons. At greater densities the concentrations of all types of baryons are of the same order of magnitude. In the region $6.7 \cdot 10^{13} < \rho < 3.3 \cdot 10^{14} \text{ g/cm}^3$ the matter consists of baryon-lepton gas. The ratio of the quantities of neutrons and protons changes in this interval from 157:1 to 21:1. The quantity of electrons is equal to the quantity of protons. The protons appear beginning at $\rho \sim 6 \cdot 10^{13} \text{ g/cm}^3$. When $\rho = 2.5 \cdot 10^{11} \text{ g/cm}^3$ the "generation" of neutrons begins. In the region $2.5 \cdot 10^{11} < \rho < 6.0 \cdot 10^{13} \text{ g/cm}^3$ the matter consists of neutrons, atomic nuclei and electrons. The energy density and pressure are determined for the most part by neutrons. When $\rho < 2.5 \cdot 10^{11} \text{ g/cm}^3$ matter consists of atomic nuclei and an almost ideal electron gas. For densities $> 1.5 \cdot 10^{13} \text{ g/cm}^3$ the approximation of an ideal gas is inexact and interaction between baryons must be taken into account. Baryons and leptons, unstable under ordinary conditions, become stable in

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in the degenerate gas at certain boundary values ρ , different for different particles. The authors conclude that the concept of the possibility of existence of purely neutron configurations should be abandoned because a predominance of neutrons occurs only in a relatively thin layer of a superdense stellar model. Bibliography of 27 items. A. Masevich.

DATE ACQ: 12May64

SUB CODE: AS

ENCL: 00

Card 3/3

SAAKYAN, G.S.; VARTANYAN, Yu.L.

Main parameters of baryon configurations. Astron.zhur. 41 no.2:
193-200 Mr-Apr '64. (MIRA 17:4)

1. Fiziko-tekhnicheskaya laboratoriya AN ArmSSR.

VARTANYAN, Yu.L.

Neutrino absorption at superhigh temperatures. Astrofizika
1 no.2:183-192 Je '65. (MIRA 18:10)

1. TSentral'naya fiziko-tekhnicheskaya laboratoriya AN ArmSSR.

L 25974-66 EWT(1) GW

ACC NR: AP6015747

SOURCE CODE: UR/0388/66/002/001/0045/0052

AUTHOR: Vartanyan, Yu. L.

ORG: Byurakan Astrophysical Observatory (Byurakanskaya astrofizicheskaya observatoriya)

TITLE: Model of an expanding superdense celestial body

SOURCE: Astrofizika, v. 2, no. 1, 1966, 45-52

TOPIC TAGS: static mass concentration, white dwarf density, nonstatic body, expanding universe, perturbed static body, degenerated neutron gas, adiabatic index, ultra-relativistic Fermi gas

ABSTRACT: Masses of static concentration change slightly when the central density changes from very great values to the densities characteristic of white dwarfs. The problem of nonstatic bodies is discussed. An attempt is made to prove that an infinite dilation of a nonstatic mass concentration cannot lead to a collapse. The proof is based on a formula of the metrics for an expanding universe:

$$ds^2 = e^{\sigma} dt^2 - r^2 (d\theta^2 + \sin^2 \theta d\varphi^2) - e^{\omega} dR^2,$$

where the exponents σ and ω and the distance r are functions of the coordinate R and

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L 25974-66

ACC NR: AP6015747

time t . The equation of the expanding universe may be integrated if the initial conditions are known. The case in which the matter at the initial moment is in a quiescent state is discussed. Nonstatic configurations may be considered as perturbed static bodies under given initial conditions. If the density of a degenerated neutron gas changes from very great values to zero, the adiabatic index changes gradually from 1 to $5/3$. An addition of mass to the configuration of equilibrium causes a contraction, and a subtraction of masses creates a dilation. These processes take place until the star attains a stable position according to the density curve. An addition of mass to an unperturbed configuration with maximum mass leads to a collapse in the process of contraction. The analysis of a model of ideal ultra-relativistic Fermi gas, whose mathematical expression of state is simple, shows that this gas can dilate as well as contract. These processes may occur when the gas concentration has a negative mass defect. Orig. art. has: 22 formulas. [EG]

SUB CODE: 03/ SUBM DATE: 17Dec65/ ORIG REF: 013/ OTH REF: 004/ ATD PRESS: 4257

Card 2/2 FLW

1. VARTANYANTS, A. M., Eng.
2. USSR (600)
4. Mine Haulage
7. Automatic hauling of wagon to the mine surface. Mekh trud rab. No 12 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. VARTAN'YANTS, A.

2. USSR (600)

4. Mine Haulage

7. Automatic machinery in coal winning. Mast. ugl. 2 No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

Vartanyants, M.I.

DUBINSKIY, M.I., kandidat tekhnicheskikh nauk; VARTANYANTS, A.M., inzhener.

Shortcomings in organizing the introduction of new mining machinery.
Mekh. trud. rab. 9 no.10:10-11 0 '55. (MLRA 9:1)
(Coal mining machinery)

VARTANYANTS, A., inzhener.

Automatization of the production and problems of work safety.
Besop.truda v prom. 1 no.6:21-24 Je '57. (MIRA 10:7)

1. Dongiprouglemash.

(Automatic control)

(Coal mines and mining--Safety measures)

VARTANYANTS, A.M.; GOL'DIN, M.A., kand.tekhn.nauk; SNAGOVSKIY, Ye.S.

Discussion of IU.V.Ko:in and L.V.Grishpun's article "Levels and depth of the automation of operations in mining." Ugol' 36 no.7: 17-23 J1 '61. (MIRA 15:2)

1. Dongiprouglemash (for Vartanyants). 2. Institut gornogo dela AN USSR (for Gol'din).

(Coal mines and mining) (Automation)
(Kozin, IU.V.) (Grishpun, L.V.)

MEL'KUMOV, Lev Georgiyevich; BOGOPOL'SKIY, Beko Khaimovich;
BAKKAL, Rober Aleksandrovich; VARTANYANTS, A.M.,
retsenzent; MIRSKAYA, V.V., red.izd-va; MAKSIMOVA,
V.V., tekhn. red.

[Handbook on automatic control systems for mines]
Spravochnik po avtomatizatsii shakht i rudnikov. Mo-
skva, Izd-vo "Nedra," 1964. 488 p. (MIRA 17:2)

VARTAN'YANTS, A.S.

Change in some indices of gastric juice depending on the length
of storage. Izv. AN Arm. SSR. Biol. nauki 15 no.6:47-56 Je '62.
(MIRA 15:6)

1. Kafedra fiziologii Yerevanskogo zooveterinarnogo instituta.
(GASTRIC JUICE)

VARTANYANTS, N.S., zasluzhennyy vrach Severo-Osetinskoy ASSR

Practices in the treatment of infectious nonspecific (rheumatoid) arthritis. Sov.med. 26 no.2:140-142 F'63. (MIRA 18:6)

Po materialam brozhnoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach Severo-Osetinskoy ASSR L.A. Rutkovskiy) Severo-Kavkazskoy zheleznoy dorog'.

(ARTHRITIS, RHEUMATOID)

VARTAN'YANTS, A.S.

Vitamins contained in the gastric juice. Izv. AN Arm. SSR.
Biol. nauki 18 no.9:82-87 S '65.

(MIRA 18:12)

1. Kafedra fiziologii Yerevanskogo zooveterinarnogo instituta.
Submitted December 1, 1964.

DUDENIKOV, S.; LIVSHITS, A.; PASHOVKIN, A.; YEVSEYEVA, A.; BARLAUKHOV, M.;
VARTANYANTS, S.; RABINOVICH, M.

Results of the industrial tests of the OPFB frother at the
Kadzharan ore-dressing plant. Prom.Arm. 5 no.9:41-45 S '62.

(MIRA 15:9)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh
metallov (for Dudenkov, Livshits). 2. Nauchno-issledovatel'skiy
gornometallurgicheskiy institut Soveta narodnogo khozyaystva
Armyanskoy SSR (for Pashovkin). 3. Kadzharanskiy kombinat Soveta
narodnogo khozyaystva Armyanskoy SSR ~~for Yevseyeva, Barlaukhov,~~
Vartanyants, Rabinovich).

(Kadzharan—Ore dressing—Equipment and supplies)

• VARTAPATYAN, S.M.

ZHURBITSKIY, Z.I.; VARTAPATYAN, S.M.

Effect of boron on the conduction of nutritive elements in plants.
Dokl. AN SSSR 96 no.6:1249-1251 Jo '54. (MLRA 7:8)

1. Kol'skiy filial im. S.M.Kirova Akademii nauk SSSR. Predstavleno
akademikom A.L.Kursanovym.

(Plants, Effect of boron on) (Plants--Nutrition)

VARTAPETYAN, B.B.

A simple apparatus for freeze-drying biological materials in vacuum (Lyophilization) [with English summary in insert]. *Fiziol. rast.* 3 no.6:579-580 N-D '56. (MLRA 10:1)

1. Institut biokhimii imeni A.N. Bakha Akademii nauk SSSR, Moskva.
(Drying apparatus) (Freeze--Drying)

L 01806-67 EWT(m)/T DJ

ACC NR: AP6030589 (AN) SOURCE CODE: UR/0413/66/000/016/0073/0073

INVENTOR: Ismailov, R. G. A. O.; Mamedov, M. A. A. O.; Spektor, Sh. Sh.; Seidov, M. M. M. O.; Vartapetov, A. A.; Shchelkonogov, I. A.; Kyazimov, A. A. O.; Aliyev, A. A. G. O.; Tangiyeva, T. A.; Kesel'man, L. G.; Lobanov, V. V.; Chikunov, V. A.; Blidchenko, I. F.; Tarumov, G. A.; Bombandirov, P. P.; Merkur'yev, G. D.; Petrov, S. A.

ORG: none

TITLE: Lubricating oil for bushings. Class 23, No. 184997

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 73

TOPIC TAGS: lubricant, bushing, petroleum

ABSTRACT: An Author Certificate has been issued describing a lubricant for bushings, with a solar fraction and mazut base. To expand the operating temperature range of the oil, a petroleum fraction with a boil-away of 4—5% at 240—320C is added to the lubricant. This fraction is obtained from the petroleum distillate at 300—310C. [Translation] [NT]

SUB CODE: 11/ SUBM DATE: 05Nov64/

Card 1/1

UDC: 629.11.012, 26

VARTAPETOV, A.Y., ARNTYUNOV, V.Y. and ISMAIL-ZADE, I.M.

"The History of the Discovery of the Causative Organism of Soft Sore."

[Vest. Vener. Derm.] No. 1, 31, 34, Jan.-Feb., 1950.

It is incorrect to suppose that Ducrey discovered the bacillus responsible for chancroid. This micro-organism was first described as a streptobacillus in 1877 by Professor Oscar V. Petersen, a Russian scientist, two years before Ducrey's publication. The bacillus was first obtained in pure culture by two other Russian scientists, Istamanov and Akopyants, who employed as culture medium human skin, agar-agar, and water. Their results were communicated to the Medical Society of the Caucasus in 1897, a year before the work of the French microbiologist, Lenglet, was published.

S.S.B. Gilder

Abstracts of World Medicine. Vol. 8, 1950.

EXCERPTA MEDICA Sec 13 Vol 13/2 Dermatology Feb 59

692. A STUDY OF CLINICAL ASPECTS OF TROPHIC SKIN LESIONS RESULTING FROM TRAUMATIC DAMAGE TO PERIPHERAL NERVES OF THE UPPER AND LOWER LIMBS (Russian text) - Vartapetov A. Ya. Tbilisi - SBORN. TRUD. GRUZ. KOZHNO-VENER. INST. (Tbilisi) 1957, 7(11-26)

106 patients with gunshot wounds involving peripheral nerve trunks of the limbs remained under observation. In 55 cases the nerves were completely severed, and in 40 cases partially or completely interrupted. Various trophic changes in the skin of the parts distal to the wounds developed in 105 patients, viz. cyanosis, infiltration, reddening or pallor of the skin, hyperhidrosis or anhidrosis, keratosis, hyperkeratosis, atrichosis, xerodermia, asteatosis, peeling, excessive pigmentation, trophic ulcers and ungual dystrophy. The intensity and nature of the changes were dependent on the level and degree of the nerve wound; they were more common and more intense in cases of partial nerve injury. This was due to prolonged central stimulation, interference with subcortical functions and appearance of foci of stimulation in the cortex as a result of such injury. Trophic changes developed not only in the limb affected but also in the contralateral limb.

Mashkilleison Jr - Moscow (S)

VARTAPETOV A. Ya.

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103520

Author : Vartapetov, A. Ya.

Inst :

Title : Bacteriophage Therapy of Deep Forms of Staphylocodermia

Orig Pub: Sb. Bakteriofagiya. Tbilisi, Gruzmedgiz, 1957,
411-422

Abstract: The data in the literature and the results of many years of personal research on the use of phages in the treatment of furunculosis, carbuncles, hydroadenitides and skin abscesses are discussed. The high degree of effectiveness of pyo- and staphylococic phages is shown, whereby the therapeutic effect of the pyophage is much greater than that of the

Card : 1/2

Country : USSR

E

Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103520

staphylococcal. Acute forms of staphylococcal submit
more readily to phage therapy than the chronic forms. --
Ya. I. Rautenshteyn.

Card : 2/2

50

VARTAPETOV, A.Ya., prof.

"Physical therapy and resort therapy in skin diseases" by V.I.Sukharev
[prof]. . . Reviewed by A.IA.Vartapetov. Vest.derm. i ven. 32 no.2:94
Mr-Ap '58. (MIRA 11:4)
(SKIN--DISEASES) (THERAPEUTICS, PHYSIOLOGICAL)

VARTAPETOV, B. A.

Sheynerman, M. D.; Vartapetov, B. A.; Novitskiy, D. A.

Mbr., Div. Zoogeny, Ukr. Inst. Exptl. Endocrinology, -c1949-. "Biological Method of Early Diagnosis of Pregnancy," Akusher. i Ginekol., No. 6, 1949.

VARTAPETOV, B.A.;SHEYNERMAN, M.D.;NOVITSKIY, D.A.

Effect of season and temperature on frog test in early pregnancy.
Akush. gin., Moskva no.4:73-75 July-Aug 1952. (GLML 23:2)

1. Candidate Medical Sciences for Vartapetov and Sheynerman; Docent for Novitskiy. 2. Of the Ukrainian Institute of Experimental Endocrinology (Head -- Prof. Z. M. Dinershteyn) and of the Department of Obstetrics and Gynecology (Head -- Prof. D. Ye. Shmundak) of Khar'kov Medical Institute.

MIRSAGATOVA, R.S.; SHEYNERMAN, M.D.; VARTAPETOV, B.A.; KORNILOVA, A.I., direktor;
DINERSHTEYN, Z.M., direktor.

Early diagnosis of death of the ovum. Akush. i gin. no.3:29-31 My-Je '53.
(MLRA 6:7)

1. Otdel akusherstva i ginekologii Khar'kovskogo nauchno-issledovatel'-
skogo instituta okhrany materinstva i detstva imeni N.K.Krupskoy (for
Mirsagatova, Sheynerman, Vartapetov and Kornilova). 2. Otdel vozrastnoy
endokrinologii Ukrainskogo instituta eksperimental'noy endokrinologii
(for Mirsagatova, Sheynerman, Vartapetov and Dinershteyn). (Abortion)

VARTAPETOV, B.A.; KALMYKOVA, K.M.

Method of graphic registration of blood pressure and pulse variations during a prolonged experiment; improved sphygmotensiography associated with sphygmography. Vop. fiziol. no.5:146-149 '53. (MLRA 8:1)

1. Ukrainskiy institut eksperimental'noy endokrinologii.
(BLOOD PRESSURE, determination,
sphygmotensiography with sphygmography)
(PULSE, determination,
sphygmotensiography with sphygmography)

~~VARTAPETOV, B.A.; MOLODTSOVA, A.I.~~

New method of investigating motor function of the intestines.
Vop. fiziol. no.6:143-147 '53. (MLRA 8:1)

1. Fiziologicheskii otdel Ukrainskogo instituta eksperimental'-
noy endokrinologii
(INTESTINES, physiology,
motor funct., technic of exposure of intestine for
graphic study)

VARTAPETOV, B.A.; KUZ'MENKO, Ye.S.; SUDAKOVA, A.D.

Method of graphic registration of motions of the cormu uteri in a continuous experiment (pons between skin and uterus). Fisiol.shmr. 39 no.6:738-740 H-D '53. (MLBA 6:12)

1. Ukrainskiy institut eksperimental'noy endokrinologii, Khar'kov.
(Uterus)

VARIANTE 101, B-A.

EXCERPTA MEDICA Sec.2 Vol.9/11 Physiology, etc. Nov56

5212. VARTAPETOV B.A., KALMUKOVA K. M. and SUDAKOVA A.D. Ukrainian Inst. of Exp. Endocrinol., Kiev, USSR. *Conditioned reflexes of salivary secretion and vasomotor reactions in normal conditions and after castration (Russian text) PROBLEMS ENDOCR. HORMONOTHERAPY 1955, 1/2 (85-89)

Five dogs were rendered neurotic by a simultaneous formation of food positive and differential conditioned reflexes. (Usually the positive conditioned reflexes are formed first; after these are formed and firmly established one proceeds with the formation of differential reflexes.). The neurosis became apparent by the general excitement of the animals, a marked rise of blood pressure, a chaotic character of the conditioned salivary secretion with phasic phenomena and refusals of food. Subsequent castration made the condition worse. Tendler - Leningrad (III, 2)

VARTAPETOV, B.A.

SHMUNDAK, D.Ye., professor; VARTAPETOV, B.A., kandidat meditsinskikh nauk;
SHEYNERMAN, M.D., kandidat meditsinskikh nauk; MILOVSKIY, D.P.;
GULYAYEVA, V.I.

A new method for the determination of estrogens in a woman's system.
Akush. i gin. no.4:66-69 J1-Ag '55. (MLRA 8:11)

1. Iz ginekologicheskogo otdeleniya (zavprof. D. Ye. Shmundak)
Oblastnoy bal'neologicheskoy bol'nitsy i fiziologicheskogo otdela
(zav.kandidat meditsinskikh nauk B.A.Vartapetov) Ukrainskogo
instituta eksperimental'noy endokrinologii.

(ESTROGENS, determ.

method, in etiol.diag. of menstruation disord.)

(MENSTRUATION DISORDERS, diag.

etiol. diag.,estrogen determ. method)

AGALETSKAYA, A.M. (Khar'kov); VARTAPETOV, B.A. (Khar'kov)

Use of testosterone propionate in stenocardia. Probl.endokr. i gorm.
2 no.2:109-113 Mr-Apr '56. (MLRA 9:10)

1. Iz kafedry gosptal'noy terapii (zav. - prof. R.I.Sharlay) Khar'-
kovskogo meditsinskogo instituta (dir. I.F.Kononenko) i otdela
fiziologii (zav. B.A.Vartapetov) Ukrainskogo instituta eksperimental'-
noy endokrinologii (dir. kandidat meditsinskikh nauk S.V.Maksimov)

(ANGINA PECTORIS, ther.
testosterone propionate)
(TESTOSTERONE, ther. use
angina pectoris)

VARTAPETOV, B.A.

BUTOM, M.L.; VARTAPETOV, B.A.

Changes in the amount of adrenaline and adrenaline like substances in tissues of castrated rabbits during various functional states of the central nervous system. Biokhimiia 22 no.5:807-812 S-O '57. (MIRA 11:1)

1. Biokhimicheskiy i fiziologicheskii otdel' Ukrain'skogo instituta eksperimental'noy endokrinologii, Khar'kov.

(CENTRAL NERVOUS SYSTEM, physiology,

eff. of post-castration higher nervous activity on epinephrine & epinephrine-like substances metab. (Rus))

(CASTRATION, effects,

higher nervous activity, eff. of post-castration changes on epinephrine & epinephrine-like substances metab. (Rus))

(EPINEPHRINE, metabolism,

eff. of post-castration higher nervous activity (Rus))

USSR / Human and Animal Physiology. Blood Circulation. T
The Vessels.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101882.

Author : ~~Vartapetov, B. A.~~; Gladkova, A. I.

Inst : Not given.

Title : Materials on the Study of Vasomotor Reactions in
Extero- and Interoceptive Stimulation.

Orig Pub: Fiziol. zh. SSSR, 1957, 43, No 8, 777-784.

Abstract: In dogs, the cutaneo-intestinal ponticulus (skin
muff with a part of the small or large intestine
sewn into it) was influenced by heat or cold in
the course of 20-25 min. Under the action of cold,
the blood pressure in the carotid artery increased,
the pulse rate accelerated; under the action of
heat the pressure decreased, and the pulse rate
slowed down. The cold increased the intestinal

Card 1/2

USSR / Human and Animal Physiology. Blood Circulation. T
The Vessels.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101882.

Abstract: tonus and induces irregular contractions; the heat induces regular and strong contractions. Under prolonged action of cold directly on the gastric mucosa, a sharp pressor effect was observed; under action of heat, a depressor effect. -- D. Ye. Ryv-kina.

Card 2/2

VARTAPETOV, B.A.; KUZ'MENKO, Ye.S.

Effect of castration on the contractile properties of the uterus;
studies on dogs with a cutaneo-uterine bridge. Akush.i gin. 35
no.4:53-56 J1-Ag '59. (MIRA 12:11)

1. Iz fiziologicheskogo otdela (zav. - dotsent B.A. Vartapetov)
Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kand.
med.nauk S.V. Maksimov).
(UTERUS physiol.)
(CASTRATION eff.)

"The Mechanism and Therapy of Certain Functional Disturbances Occurring in
Castration and Hormonal Deficiency of the Testicles."

~~Theses of the~~

Theses of the Proceedings of the Annual Scientific Sessions 23-26 March 1959
(All-Union Institute of Experimental Endocrinology)

From the department of physiology of the Ukrainian Institute of Experimental
Endocrinology (Director--Candidate of Medical Sciences S. V. Maksimov) and the
Chair of Hospital Therapy of the Khar'kov Medical Institute (Director--Docent I.
F. Kononenko)

VARTAPETOV, B.A.; SHIFMAN, L.M.

Experience in the use of testobromlecit in clinical practice.
Probl. endok. i gorm. 6 no.6:112-115 '60. (MIRA 14:2,
(CLIMACTERIC) (TESTOSTERONE)
(LECITHINS)

PRIKHOD'KOVA, Ye.K.; VARTAPETOV, B.A.; KALMYKOVA, K.M.

Variation of the vascular tone in animals with experimental hypertension produced by castration and hyperthyroidization. Sbor. nauch. trud. Ukr. nauch.-issl. inst. eksper. endok. 15:210-215 '59.

(MIRA 14:11)

(HYPERTENSION) (HYPERTHYROIDISM) (HORMONES, SEX)

VARTAPETOV, B.A.; GLADKOVA, A.I.; SHIFMAN, L.M.

Experimental clinical study of the combined use of methyl-
testosterone, bromural and lecithin in vasomotor disturbances
induced by castration and incretory insufficiency of the male
sex glands. Trudy Ukr.nauch.-issl.inst.eksper.endok. 18:272-283
'61. (MIRA 16:1)

1. Otdel fiziologii i klinicheskoy otel Ukrainskogo instituta
eksperimental'noy endokrinologii.

(CASTRATION) (HORMONES, SEX) (TESTOSTERONE)
(BROMURAL) (LECITHIN)

VARTAPETOV, B.A.; NOVIKOVA, N.V. (Khar'kov)

Effect of ganglionic blocking agents (benzohexonium and pyrilene)
on the blood serum proteins and arterial pressure in animals
with postcastration hypertension. Probl. endokr. gormonoter. 9
no.4:15-22 J1-Ag'63 (MIRA 17:1)

1. Iz fiziologicheskogo otdela (zav. - prof. B.A. Vartapetov)
Ukrainskogo instituta eksperimental'noy endokrinologii (dir.-
kand.med. nauk S.V. Maksimov).

VARTAPETOV, B.A.; DEMCHENKO, A.N.

Functional state of arterioles in men with vasomotor manifestations of the climacteric period before and after treatment with testobromlecit. Probl.endok.i gorm. 10 no.6:49-52 N-D '64. (MIRA 18:7)

1. Otdel fiziologii (zav. - prof. B.A.Vartapetov) Ukrainskogo instituta eksperimental'noy endokrinologii (dir. S.V.Maksimov), Khar'kov.

VARTAPETOV, Bartol'd Arkad'yevich, prof.; DEMCHENKO, Aleksandr
Nikolayevich; FROL'KIS, V.V., red.

[Climacteric in men] Klimaks u muzhchin. Kiev, Zdorov'ia,
1965. 241 p. (MIRA 19:1)

VARTAPETOV, R. A.

Use of novocain in gynecological diseases. Akush. gin. no.5:66-67
Sept-Oct 1953. (CIML 25:4)

1. Professor. 2. Of the Obstetric-Gynecological Clinic (Head -- Prof.
R. A. Vartapetov), Vinnitsa Medical Institute.

VARTAPETOV, R.A., professor; KOVTUN, I.Z.; PUSTOVOYT, L.S.

Treating trichomonad colpitis with a product made from ramson.
Akush. i gin. no.4:69-71 J1-Ag '55 (MLRA 8:11)

1. Iz kafedry akusherstva i ginekologii (zav.prof. R.A.Vartapetov)
Vinnitskogo meditsinskogo instituta.

(VAGINA, DIS.

trichomoniasis, ther.)

(THRICHOMONIASIS,

vagina, ther.)

VARTAPETOV, V.G., inzh.; SKIBINSKIY, M.D., inzh.

Attachment to a turning lathe for the manufacture of screw parts.
Sudostroenie 28 no.9:61-64 S '62. (MIRA 15:10)
(Metalworking machinery)

VARTAPETOV, V. YA.

"Calculation of Tiered Guy Bracings." Min. Higher Education USSR, Georgian Order of Labor Red Banner Polytechnical Inst imeni S.M. Kirov, Tbilisi, 1955. (Dissertation for the Degree of Doctor of Technical Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105

FORTUNATOV, N.S.; VARTAPETOVA, N.Ye.

Distribution of elements between the precipitate and solution
depending on the conditions of precipitation. Ukr. khim. zhur.
30 no.6:589-593 '64. (MIRA 13:5)

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