

SHANGIN, V.; LAUKART, I.; GAVRIKOV, I., mashinist traktornogo krana

Increase the production of preheaters. Stroi. truboprov. 10 no.1:  
35 Ja '65. (MIRA 18:4)

1. Stroitel'no-montazhnoye upravleniye No.5 tresta Nefteprovodmontazh, Krasnoyarsk. 2. Glavnyy mekhanik Stroitel'no-montazhnogo upravleniya No.5 tresta Nefteprovodmontazh, Krasnoyarsk (for Shangin). 3. Proizvoditel' rabot Stroitel'no-montazhnogo upravleniya No.5 tresta Nefteprovodmontazh, Krasnoyarsk (for Laukart).

VY OSTKOV, M.I.; GAVRIKOV, I.S.

Improving the technical and economic indices of a mine. Ugol'  
Ukr. 7 no.10:41 0 '63. (MIRA 17:4)

1. Nachal'nik shakhty No.1 tresta Shakhterskantratsit (for  
Vyrostkov). 2. Zamestitel' glavnogo inzhener shakhty No.1  
tresta Shakhterskantratsit (for Gavrikov).

GAVRIKOV, K. V., Cand Med Sci -- (diss) "Effect of some analeptic and soporific agents on the immunological reactivity of the living organism to bacteria of the intestinal-typhus group." Stalingrad, 1960. 21 pp; (Ministry of Public Health RSFSR, Stalingrad State Medical Inst); 200 copies; price not given; (KL, 27-60, 159)

IONKIN, G.A.; GAVRIKOV, K.V. (Stalingrad)

Method of performing dynamic (direct and indirect) portacaval  
anastomosis. Pat. fiziol. i eksp. terap. 4 no. 5:73-74 S-0 '60.  
(MIRA 13:10)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. G.A. Ionkin)  
Stalingradskogo meditsinskogo instituta.  
(PORTACAVAL ANASTOMOSIS)

SAMANOV, V.V.; GAVRIKOV, K.V.; GFRASIMENKO, I.F.; PRIYMA, G.Ya.

Programming device for the study of human reflex activity. Zhur.  
vys.nerv.deiat. 12 no.1:181-183 Ja-F '62. (MIRA 15:12)

1. Chair of Physiology and Morphology, Pedagogical Institute,  
and Scientific Pedagogical Laboratory, R.S.F.S.R. Academy of  
Pedagogical Sciences, Volgograd.  
(REFLEXES)

GAVRIKOV, K.V.; PRIYMA, G.YU.; SAMANOV, V.V.; KOPIN, Ye.M.

Visual speech reflexometer. Vop. psikhol. il no. 161-162  
Kr-Ap '65.

Audio-speech reflexometer. Ibid.:163-164 (MIRA 18:6)

1. Kafedra fiziologii i morfologii Pedagogicheskogo instituta,  
Volgograd.

KARTASHEV, N.N.; PRIYMA, G.Ya.; GAVRIKOV, K.V.; TRUSOV, V.Z.

State of the blood and the piscicultural quality of sturgeon  
spawners during their approach to the dam of the Volga Hydro-  
electric Power Station (22d Congress of the CPSU) and wintering  
under various conditions. Uch. zap. Volg. gos. ped. inst. no.16:  
17-25 '64. (MIRA 19:1)

1. Kafedra fiziologii i morfologii gosudarstvennogo pedagogicheskogo  
instituta i Volgogradskoye otdeleniye Instituta rybnogo khozyaystva  
Vserossiyskogo soveta narodnogo khozyaystva.

GAVRIKOV, N. A. Cand Med Sci -- "Theoretical principles of methods and exper<sup>ence</sup>~~iment~~  
in practical <sup>use</sup> ~~application~~ of the Chinese method of <sup>Chen-Chiu</sup> ~~on-shen-tszu~~ therapy in <sup>the clinic</sup>  
of internal-disease ~~clinics~~." Gor'kiy, 1960 (Gor'kiy State Med Inst im S. M. Kirov).  
(KL, 1-61, 206)



GAVRIKOV, N.A.

Diagnosis of primary cancer of the duodenum. Vrach. delo no.11:  
139-140 N 161. (MIRA 14:11)

1. 3-ya Ob'yedinennaya bol'nitsa, g. Armavir.  
(DUODENUM--CANCER)

GAVRIKOV, N.A.; LUK<sup>Y</sup>ANOV, V.S.; PARFENOVA, V.P. (Armavir)

Clinical and roentgenological diagnosis of internal biliary  
fistula. Klin.med. no.7:46-50 '61. (MIRA 14:8)

1. Iz terapevticheskogo otdeleniya No.1 (zav. N.A. Gavrikov)  
Armavirskoy mezhrayonnoy bol'nitsy (glavnyy vrach N.I. Sinchugov).  
(FISTULA)      (BILIARY TRACT—RADIOGRAPHY)

GAVRIKOV, N. A. (Armavir)

Acute adrenal insufficiency in adrenal gland apoplexy. Klin. med.  
no.6:138-140 '61. (MIRA 14:12)

1. Iz terapevticheskogo otdeleniya No. 1 Armavirskoy mezhrayonnoy  
bol'nitsy (glavnyy vrach N. I. Sinchugov)

(ADRENAL GLANDS—DISEASES)

GAVRIKOV, N.A., kand.med.nauk; LUK<sup>YANOV</sup>, V.S.; SHVIDKOVSKIY, N.F.

Experience gained in the operation of an interdistrict medical society.  
Zdrav. Ros. Feder. 6 no.4:32-33 Ap '62. (MIRA 15:4)

1. Iz Nauchno-meditsinskogo obshchestva pri Armavirskom gorodskom  
otdele zdravookhraneniya (zav. gorodskim otelom zdravookhraneniya  
V.S.Kurochkin).

(KRASNODAR KRAY--MEDICAL SOCIETIES)

GAVRIKOV, N.A., kand.med.nauk; SHVIDKOVSKIY, H.F. (Armavir)

Clinical aspects and diagnosis of primary tumors of the pleura.  
Klin.med. 40 no.6:147-151 Je '62. (MIRA 15:9)

1. Iz terapevticheskogo otdeleniya (zav. - kand.med.nauk N.A.  
Gavrikov) Ob"yedinennoy bol'nitsy No.3 (glavnyy vrach L.I.  
Baskakov).

(PLEURA--TUMORS)

GAVRIKOV, N.A., kand.med.nauk (Armavir); LUK'YANOV, V.S. (Armavir);  
SHVIDKOVSKIY, N.F. (Armavir)

Acupuncture in the clinic for internal disease. Vrach.delo no.1:  
145-146 Ja '63. (MIRA 16:2)  
(ACUPUNCTURE)

GAVRIKOV, N.A., kand.med.nauk; KUROCHKIN, V.S.; LUK'YANOV, V.S.;  
SHVIDKOVSKIY, N.F. (Armavir)

Formation and coordination of the activity of the individual  
interdistrict scientific medical societies. Sov.zdrav. 22  
no.4:103-104 '63. (MIRA 16:4)  
(ARMAVIR--MEDICAL SOCIETIES)

GAVRIKOV, N.A., kand.med.nauk (Armavir); SHVIDKOVSKIY, N.F. (Armavir);  
LUK'YANOV, V.S. (Armavir).

Segmentary ultraviolet irradiation of the reflexogenic zones  
in treating bronchial asthma. Vrach. delo no.1:147-148 Ja'64  
(MIRA 17:3)



GAVRIKOV, Sergei Ivanovich; SHILO, Nikolay Alekseyovich, otv.red.; POTEKIN, S.V., zam.otv.red.; ALEKSANDROV, P.P., red.; APEL'TSIN, F.R., red.; BEREZIN, V.P., red.; EALABIN, A.I., red.; KUZNETSOV, G.G., red.; MATSUYEV, L.P., red.; NUZHDIK, I.I., red.; FIRSOV, L.V., red.; FOMINCO, T.G., red.; SHAKHNAROVICH, L.A., red.

[Division of the upper Indigirka Valley into tectonic regions] 0 tektonicheskoy raionirovaniy basseina vekhnego techeniya r. Indigirki. Nagadan, 1958. 17 p. (Nagadan, Vsesoyuznyi nauchno-issledovatel'skii institut zolota i redkikh metallov. Trudy. Geologiya, no.38).

(MIRA 12:4)

(Indigirka Valley--Geology, Structural)

GAVRIKOV, S.I.

Transverse zoning of the In'yali synclorium. ~~Nauch. sob.~~ IAFAN SSSR  
no.2:29-34\*159. (MIRA 16:3)  
(Indigirka Valley--Geology, Structural)

GAVRIKOV, S.I.

Phases and cycles of the tectogenesis of the Yana-Ko'luma geosyncline  
in the upper Indigirka Basin. Mat.po geol.i pol.iskop.IAk. ASSR no.2:  
48-57 '60. (MIRA 15:10)

(Indigirka Valley--Geology, Structural)

GAVRIKOV, S.I.

Transversal zonality in Mesozoic folds of the upper Indigirka  
Valley. Geol. i geofiz. no.3:115-118 '60. (MIRA 13:9)

1. Yakutskoye geologicheskoye upravleniye.  
(Indigirka Valley--Folds (Geology))

ARGUNOV, M.S.; GAVRIKOV, S.I.

Balagan-Tas, the early Quaternary volcano. Izv.AN SSSR.Ser.geol.  
25 no.8:90-93 Ag '60. (MIRA 13:8)

1. Verkhne-Indigirskoye geologorazvedochnoye upravleniye,  
pos.Ust'-Nera, Yakutskoy ASSR.  
(Balagan-Tas Volcano)

GAVRIKOV, S.I.; DANILOGORSKIY, Ye.P.

Ebir-Khaya intrusive and characteristics of ores associated  
with it. Geol.rud.mestorozh. no.4:71-78 J1-Ag '61. (MIRA 14:10)

1. Verkhneindigirskoye geologorazvedochnoye upravleniye.  
(Indigirka Valley--Gold) (Indigirka Valley--Tungsten)

GAVRIKOV, S.I.

Gold potential of sedimentary rocks with sulfide impregnations  
in the El'ga Basin. Geol.rud.mestorozh. no.2:114-115 Mr-Ap  
'62. (MIRA 15:4)

1. Verkheindigirskoye geologorazvedochnoye upravleniye.  
(Yakutia--Gold ores)

GAVRIKOV, S. I.

Stratigraphy and tectonics of the Tas-Khayakhtakh fold block uplift.  
Sov. geol. 5 no. 5:139-143 My '62. (MIRA 15:7)

1. Verkhne-Indigirskaya rayonnoye geologicheskoye upravleniye.  
(Tas-Khayakhtakh Range--Geology, Structural)



GAVRIKOV, S.I.; ZHAROVA, V.P.

Structure of the ore zone and the mineralization of the Zhdannoye gold  
deposit. Zap. Vses. min. ob-va 92 no. 1:26-32 '63. (MIRA 16:4)  
(Indigirka Valley--Ore deposits) (Indigirka Valley--Gold ores)

GAVRIKOV, S.I.

History of the geological development of the Okhotsk Massif.  
Gov.gsol. 8 no.2:71-81 F '65. (MIR 18:12)

.1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.

GAVRIKOV, S.I.

Paleotectonic maps of the northeastern U.S.S.R. for the  
Jurassic period. Geotektonika no.1:46-56 Ja-F '66.  
(MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii  
institut.

GAVRIKOV, V. (g.Armavir); SHULYAYEV, F. (g.Armavir)

This provokes alarm. Zhil.-kom. khoz.ll no.7:31 JI '61.

(MIRA 14:7)

(Caucasus, Northern--Loess)

1. KOGAN, A. Ya.; GAVRIKOV, V. A.; KIMELEV, A. P.; AGEYEV, N. A.; KULEMENA, Ye. A.
2. USSR (600)
4. Horses
7. Results of raising colts on the collective farms of the Pochinok State Breeding Farm. Konevodstvo 22 no. 12 1952.

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

GAVRIKOV, V.A. (Armavir)

Use of pile foundations for large-panel buildings on a small layer of settling soils in Krasnodarsk Territory. Osn., fund. i mekh. grun. 5 no.2:27-28 '63. (MIRA 16:3)

(Armavir—Foundations) (Armavir—Precast concrete construction)

GAVRIKOV, V.A. (Armavir)

Conference on building construction and construction on sagging  
soils in the Northern Caucuses and Rostov Province. Osn., fund.  
i mekh. grun. 5 no.5:30-31 '63. (MIRA 16:10)

GAVRIKOV, V.A. (Armavir)

Problems in the study of landslides and measures for controlling them.  
Osn., fund. i mekh. grun. 6 no. 6: 29-30 '64.

(MIRA 18:1)



GAVRIKOV, V.A.

All-Union Conference on Artificial Stabilization and Compaction  
of Soils. Osn.,fund. i mekh.grun. 7 no.1:27-29 '65.

(MIRA 18:4)

SAVERCHENKO, D.A.; GAVRIKOV, V.M.

Operational efficiency of a Soviet electric filter. Tsement 27  
no. 2:13-14 Mr-Ap '61. (MIRA 14:5)  
(Dust collectors) (Cement plants)

L 18227-63

EPA/EWT(m)/BDS

AEDC/AFTC/ASD/AFGC

Paa-4

ACCESSION NR: AT3001860

S/2909/62/000/006/0061/0075

AUTHORS: Orekhov, P. V.; Gavrikov, V. P.

60

TITLE: Contribution to the comparison of a radial centripetal and an axial turbine stage

SOURCE: AN SSSR, Institut Dvigatelye. Trudy, no. 6, 1962, 61-75

TOPIC TAGS: turbine, gas turbine, axial, radial, centripetal, efficiency, controllable, nozzle, control

ABSTRACT: This theoretical paper endeavors to clarify the advantages of the radial centripetal turbine (RCT) by a comparative analysis of the stages of a radial and an axial turbine. Reference is made to the Swiss Escher-Wyss design project of a closed-cycle atomic gas-turbine powerplant of 20,000 hp employing two RCT's and to the Boeing-520 naval powerplant (500 hp) which has an RCT-type compressor turbine. The paper comprises a comparison of the temperature drop that can be utilized in a stage of a radial and an axial turbine. It is found that the temperature difference that can be handled by a single stage can be increased in an RCT not only by an increase in the load coefficient, but also by increasing the permissible peripheral speed of the wheel rim. In the mean, the peripheral of an

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ACCESSTIO NR: AT3001860

RCT can be some 40 percent greater than in axial turbines. Hence, an RCT stage can handle a temperature drop twice that of an axial stage, thanks to both the higher load coefficient and the greater permissible peripheral speed. In the design of high-power equipment, this results in a reduction in the number of stages, so that, for example, where an axial turbine requires 3 to 4 stages, an RCT can perform equally well with a single stage which results in a reduction in weight and size and in an improvement in dependability. With reference to efficiency, it is recognized that existing RCT's are less efficient than existing axial turbines, but this is attributed to the imperfection of the internal design of existing RCT's and is in contrast with the greater theoretical efficiency of RCT's which should be attainable with further development. Improvements in efficiency in RCT's are, therefore, anticipated. An analysis of the characteristics of a controllable-nozzle apparatus (CNA) shows that: (1) A CNA can maintain a radial turbine (by controlling the angle  $\alpha_1$ ) close to design efficiency throughout a broad range of loads and rpm. (2) A CNA can maintain the rpm of a turbocompressor reasonably constant throughout a range of non-design regimes without any additional transmission equipments and without decreasing the weight flow of gas. (3) Even though a power turbine may lose rpm (for example, during a climb of a locomotive or an automobile), a CNA can maintain the power of the turbine and maintain fully the power of the entire aggregate even under non-design regimes.

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L 18227-63

ACCESSION NR: AT3001860

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A separate Section discusses the design and manufacture of RCT wheels and the electric circuitry of the control of an experimental power aggregate. A comparison of the performance and efficiency of RCT's and axial turbines in operation with small discharge rates shows that the efficiency of an RCT is considerably superior. Orig. art. has 9 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 11Apr63

ENCL: 00

SUB CODE: PH, PR

NO REF SOV: 006

OTHER: 001

Card 3/3

NOVIKOV, G.N., inzhener; GAVRIKOV, V.P., inzhener.

The KL gantry crane. Mekh.trud.rab.10 no.4:31-24 Ap '56.  
(Cranes, derricks, etc.) (MLRA 9:7)

GAVRIKOV, V.P.

NOVIKOV, G.H., inzhener, GAVRIKOV, V.P., inzhener.

Using winches with continuous motion cables in lumber skidding.  
Mekh.trud.rab. 10 no.10:36-39 0 '56. (MLRA 10:1)  
(Lumbering--Machinery)

YESIPCHUK, P.P.; NOVIKOV, G.P.; GAVRIKOV, V.P.; KALENIK, I.I., red.;  
PITERMAN, Ye.L., red. izd-va;; BACHURINA, A.M., tekhn. red.

[L-47 single-drum winch for the S-80 tractor; "Lumber industry  
and forestry" pavilion] Odnobarabannaia lebedka L-47 dlia traktora  
S-80; pavi'l'on "Lesnaia promyshlennost' i lesnoe khoziasstvo."  
[Moskva] M-vo lesnoi promyshl. SSSR [1957] 6 p. (MIRA 11:11)

1. Moscow. Vsesoyuznaya promyshlennaya vystavka.  
(Winches)



GAVRIKOV, V.P., inzhener.

Using rope log conveyers in the Unzhles lumbering enterprise.  
Mekh.truu.rab. 11 no.3:19-21 Mr '57. (MLRA 10:5)  
(Lumbering--Machinery)

GAVRIKOV, V.Z.

Hidden potentialities in founding. Lit.proizv. no.9:1-3 S'55.  
(Founding) (MLRA 8:12)

Gavrikov, V. Z.

Name: GAVRIKOV, V. Z.

Dissertation: Siphon stack filling of molds for steel castings weighing up to 50 kilograms

Degree: Cand Tech Sci

*Defended at*  
Institution: Min Higher Education USSR, Ural Polytechnic Inst imeni S. M. Kirov

*Publication*  
Defense Date, Place: 1956, Sverdlovsk

Source: Knizhnaya Letopis', No 47, 1956

PHASE I BOOK EXPLOITATION 583

Gavrikov, Vasilii Zakharovich

Sifonno-stopochnaya otlivka stal'nykh detaley (Stacked-mold Bottom Casting of Steel Parts) Moscow, Mashgiz, 1957. 103 p. 5,000 copies printed.

Ed.: Pinegin, I.I., Engineer; Ed. of Publishing House: Manakin, N.V.; Tech. Eds.: Matveyeva, Ye. N., El'kind, V.D.; Managing Ed. for literature on heavy machine building (Mashgiz): Golovin, S. Ya., Engineer.

PURPOSE: This book is intended for the use of foremen, technologists, and skilled workers at foundries.

COVERAGE: The book gives practical information on the technology of molding and pouring operations in the production of stacked-mold bottom-cast items under conditions of small-series production. A method is given for making design calculations for a gate system used in stacked-mold casting, and a formula is derived

Card 1/7

Stacked-mold Bottom Casting of Steel Parts                      583

for determining cross sections of gate-assembly elements. Various types of casting defects, together with their causes and prevention, are discussed. The methods described are based on the work practice of the Bryanskiy parovozostroitel'nyy zavod (Bryansk Steam-Locomotive Plant) "Krasnyy Profintern" and the Zavod imeni Il'icha (Plant imeni Il'ich). The author expresses his thanks to A.A. Gorshkov, Professor, Doctor of Technical Sciences, and G.M. Dubitskiy, Docent, Candidate of Technical Sciences, for their help in working out the design calculations for the gate assembly for stacked-mold bottom casting. There are 25 references, of which 21 are Soviet and 4 English.

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GAVRIKOV, V. Z.

SOV/133-58-8-29/30

AUTHORS: Turchenkova, Ye.K., Kikorskiy, A.I., Yegnus, R.M., Boldyrev, L.I., Raznotina, Ye.T., Engineers, Bol'shakov, L.A., Candidate of Technical Sciences, and Gavrikov, V.Z., Engineer

TITLE: Performance of the Coupling Sleeves Made From Nodular Iron at the Mill 650  
(Rabota soyedinitel'nykh muft iz chuguna s sharovidnym grafitom na stane 650)

PERIODICAL: Stal', 1958, <sup>18</sup>№ 8, pp 763 - 766 (USSR)

ABSTRACT: As the durability of the coupling sleeves of the mill 650 made from grey iron decreased with increased degree of reduction per pass introduced in the rolling practice, the use of sleeves made from nodular iron was investigated. Four series of experimental smelting of magnesium-inoculated iron were carried out. Sleeves from the first series were tested as cast and of the remaining series after various heat treatments. The chemical composition, mechanical, and conditions of thermal treatment are given in Table 1. The microstructure of heat-treated metal - Figures 1-3, the mould for casting of sleeves - Figure 4, the results of service life of sleeves made from nodular iron, grey iron and steel - Table 2. On the basis of the results obtained, it is concluded that the service life of sleeves from nodular iron is 4-6 times higher than that of sleeves made from grey iron. The optimum heat treatment is normalisation with subsequent annealing at 580°C. Sleeves should be cast with the consumption of metal for shrinkage head not less than 20% of the weight of casting. When coupling sleeves are not heat-treated, then the sum of C + Si in nodular iron should be maintained in a range of 5.5-6.0%. There are 5 figures and 2 tables.

ASSOCIATIONS: Zhdanovskiy metallurgicheskiy institut (Zhdanov Metallurgical Institute) and Zavod "Azovstal'" ("Azovstal'" Works)

BOL'SHAKOV, L.A., kand.tekhn.nauk; BUL'SKIY, M.T., inzh.; TURCHENKOVA, Ye.K.,  
inzh.; YEGNUS, R.M., inzh.; SVIRIDENKO, F.F., inzh.; TARASOVA, L.P.,  
inzh.; SLEPKANEV, P.N., inzh.; GAVRIKOV, V.Z., inzh.

Efficient design of large rail ingot molds. Stal' 20 no.9:793-797  
S '60; (MIRA 13:9)

1. Zavod "Azovstal'" i Zhdanovskiy metallurgicheskiy institut.  
(Ingot molds)

IL'IN, N., inzhener; GAVRIKOV, Ye., arkhitekto

Keranzit concrete products. Zhil. stroi. no.2:27-28 F '61.  
(MIRA 14:1)

(Concrete slabs)

FYLOV, B.A., kand.tekhn.nauk; POLEZHAYEV, A.A., kand.tekhn.nauk;  
GAVRIKOV, Yu.A.; STREL'TSOV, V.I.

Investigating the resistance to torsional vibrations of  
hydrodynamic transmissions. Avt.prom. 27 no.10:21-23 O' '61.  
(MIRA 14:10)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni  
Baumana.

(Automobiles--Transmission devices--Vibration)

PYLOV, B.A., kand.tekhn.nauk; POLEZHAYEV, A.A., kand.tekhn.nauk;  
GAVRIKOV, Yu.A.; STREL'TSOV, V.I.

Effect of hydrokinetic transmissions on torsional vibrations.  
Avt.prom. 28 no.2:13-15 F '62. (MIRA 15:2)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.  
(Motor vehicles--Transmission devices--Vibrations)

L 44567-66 EWT(1' SCTB DD

ACC NR: AP6030593 (A) SOURCE CODE: UR/0413/66/000/016/0076/0076

INVENTOR: Maklyukov, M. I.; Kalashnikov, V. P.; Zaykin, M. G.;  
Baburin, V. A.; Gavrikov, Yu. N.; Utyamyshev, R. I.

36  
B

ORG: none

TITLE: Multichannel device for recording human physiological functions.  
Class 30, No. 185005

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16,  
1966, 76

TOPIC TAGS: human physiology, body temperature, skin galvanic reaction,  
respiratory system, biometrics, biotelemetry

ABSTRACT: An Author Certificate has been issued for a device used to  
record human physiological functions. Its components include amplifiers  
of biopotentials, high- and low-frequency filters, a body and skin tem-  
perature monitor, a circuit recording respiratory rate and respiratory  
movements of the thorax, a circuit measuring skin galvanic reactions,  
and a stabilized power source. Increased operating reliability and  
accuracy of several simultaneous measurements are achieved by sup-  
pressing synphased interference and by assuring necessary signal ampli-  
fication using cascaded low-frequency amplifiers. Some signals are fed

Card 1/2

UDC: 615.471:612.2:621.38



L 44567-66

ACC NR: AP6030593

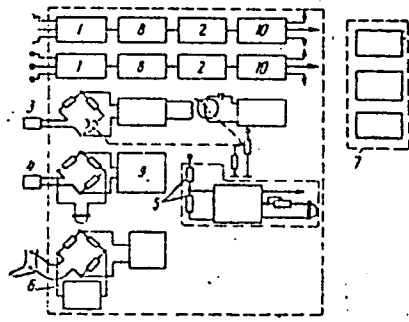


Fig. 1. Device for recording human physiological functions

1 - Amplifiers of biopotentials; 2 - high and low-frequency filters; 3 - body temperature monitor; 4 - skin temperature monitor; 5 - circuit recording respiratory rate and thoracic movements; 6 - circuit recording skin galvanic reactions; 7 - stabilized power source; 8 - low-frequency amplifiers; 9 - transformer; 10 - output stages.

to bridges, in which the arms are automatically balanced by controlling each arm using a tube grid connected via resistance to the cathode. A variation of the above is distinguished by the fact that the temperature measurement bridge is fed by a synchro. A second variation is designed to record incoming signals from measurement channels via telemetry, and uses various types of oscillographs. It contains output stages with current and voltage switches. A general diagram of the system is given in Fig. 1. Orig. art. has: 1 figure. [CD]

SUB CODE: 06/ SUBM DATE: 28Jan65/ ATD PRESS: 5079

Card 2/2 *LJM*

141/0-00

EWT(d)/EWT(m)/EWP(w)/EWP(j)/EWP(k)

WW/EM/RM

ACC NR: AP6003939

SOURCE CODE: UR/0374/65/000/005/0045/0050

AUTHOR: Shcherbakov, V. M. (Moscow); Gavrikov, Yu. P. (Moscow)

ORG: none

TITLE: Investigation of the strength of sandwich plastic construction material

SOURCE: Mekhanika polimerov, no. 5, 1965, 45-50

TOPIC TAGS: ~~structural plastics~~, sandwich structure, honeycomb structure, bend test, ~~construction material~~, ~~laminated plastic~~ *synthetic material*

ABSTRACT: Investigations of the behaviour of sandwich panels with honeycomb core at bending tests in two directions have been carried out. These panels were supported along the contour. The test results were compared with data computed from the formulas presented. An analysis of the test and calculated data indicated that the material of panels with the honeycomb core may be considered as practically isotropic in the plane of the layer. The formulas presented are recommended for the determination of deflections, standard and tangential stresses. Orig. art. has: 2 figures, 1 table, and 21 formulas. [Based on author's abstract].

SUB CODE: 11/  
Card 1/10

SUBM DATE: 21Jan65/ ORIG REF: 009/ OTH REF: 001  
UDC: 678:539.04

CA

11A

PROCESSES AND PROPERTIES INDEX

The inhibition by acetaldehyde of oxidation reactions catalysed by pyridine proteins. A. N. Ginsburg and A. D. Gavrikova. *Nakhlitsy* 12, 101-20(1917). During the investigation of the biochem. mechanism of the toxic action of MeCHO (I), it was found that I inactivated many dehydrogenases, especially those contg. diphosphopyridine nucleotide (CoI). The component of the dehydrogenase enzyme on which I directed its action was not the apoenzyme but the CoI. I combined with 1-methyl-1,2-dihydropyridinamide to give 1-methyl-2-ethylidene-1,2-dihydropyridinamide, which could not be obtained in an analytically pure condition; *picrate*,  $C_{11}H_{14}N_2O_6$ , m. 172-5°; *methiodide*,  $C_{11}H_{14}N_2O$ , m. 150-8°. I does not combine with CoI, but does so with reduced CoI (II, CoI), the condensation taking place at the  $\alpha$ -methylene group of the pyridine ring. The product has an ultraviolet absorption max. at 280 m $\mu$ , compared to 340 m $\mu$  given by II, CoI. The condensation product of II, CoI with I after hydrolysis with dil. acids gives 2-ethylidene-1,2-dihydropyridinamide; *picrolonate*,  $C_{11}H_{14}O_6N_2$ , m. 222.5-3.5°. I does not combine with the adenine residue of II, CoI. The inactivation of pyridine proteins by I is due to the denaturation of their prosthetic groups. The 2-ethylidene-1,2-dihydropyridinamide-substituted CoI is devoid of catalytic activity. H. Priestley

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

GAVRIKOVA, A. N.

GAVRIKOVA, A. N. - tekhnik i, BORISOVA, K. S. - inzh., ZATSEPIN, K. S. - inzh.

Nauchno-issledovatel'skiy institut po stroitel'stvu Ministerstva neftyanoy  
promyshlennosti  
RAZRABOTKA PROMYSHLENNOY TEKHNologii IZVESTKOVYKH KARBONIZIROVANNYKH MATERIALOV  
Page 104

SO: Collection of Annotations of Scientific Research Work on Construction, com-  
pleted in 1950, Moscow 1951

GAVRIKOVA, K. A., BOROVAYA, M. S., and SERENKOVA, S. I.

"The Polarographic Method of Detecting Metals in Lubricants", p 159, in the Monograph "Investigation and Use of Petroleum Products", edited by N. G. Fuchkov, Gostoptekhizdat, Moscow-Leningrad, 1950.

GAVRIKOVA, K. A.

Polarographic determination of metals in lubricating oils, S. I. Siuyakova, M. S. Borovava, and K. A. Gavrikova. Zhur. Anal. Khim. 5, 330-2(1950).--This method was designed to est. the wear of bearings. Two procedures were worked out (a) for bronze bearings, in which case Fe, Pb, and Cu are detd., and (b) for babbitt bearings, when Fe, Pb, and Sn are detd. In a dry-burn the oil at not over 500° and dissolve the residue in HCl. Ppt. Fe and Pb with  $NH_4OH$  in the presence of  $NH_4Cl$ , filter, and wash the ppt. with  $NH_4OH$ . Dissolve the ppt. on filter with 30 ml. of hot 2 N HCl and make the vol. 50 ml. Use 10 ml. of soln. for polarographic detn. of Cu. Det. the amts. of each of the metals from calibration curves. For detg. Fe, Pb, and Sn det. Fe and Pb as above. Ext. the Sn from the oil by refluxing with HCl. Since some of the Pb is also extd., ppt. it with  $H_2SQ_4$ , and in the filtrate det. Sn. M. Hoeseh

03483

5,3630 also 2109,2209

S/190/60/002/009/018/019  
B004/B060

AUTHORS:

Kolesnikov, G. S., Rodionova, Ye. F., Fedorova, L. S.,  
Gavrikova, L. A.

TITLE:

Carbochain Polymers and Copolymers. XXVII, Polymerization  
and Copolymerization of Di-n-butyl Ester of Vinyl  
Phosphinic Acid

PERIODICAL:

Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 9,  
pp. 1432-1437

TEXT: The authors wanted to produce a polymer of di-n-butyl-vinyl phos-  
phinate (DBVP) with a higher molecular weight than had been obtained in  
previous experiments (Ref. 2). DBVP was produced by a procedure described  
by M. I. Kabachnik and T. Ya. Medved' (Ref. 3). The authors first applied  
the polymerization by the method of "molecular clusters" (molekulyarnykh  
puchkov) (Ref. 4): condensation of the monomer on the cooled surface of  
the catalyst, and subsequent thawing. An apparatus supplied by the  
Kafedra vysokomolekulyarnykh soyedineniy Moskovskogo gosudarstvennogo  
universiteta (Chair of High-molecular Compounds of Moscow State University)

Card 1/4

4

1

Carbochain Polymers and Copolymers. XXVII.  
Polymerization and Copolymerization of Di-n-  
butyl Ester of Vinyl Phosphinic Acid

83483  
S/190/60/002/009/018/019  
B004/B060

was used for the purpose. A rubber-like polymerize<sup>7</sup> with a 60% yield was obtained in the presence of metallic magnesium. The specific viscosity of a 1% solution in ethanol amounted to 0.217; the molecular weight was 9500. A viscous polymerize was obtained in the presence of ZnCl<sub>2</sub>.

X

Fig. 1 compares the thermomechanical properties of the polymerize obtained by means of Mg with those of a polymerize obtained by the radical mechanism (molecular weight 1300). The molecular weight was without effect on the softening temperature, while at high temperatures the deformation of the polymer with higher molecular weight was smaller. Furthermore, it was attempted to polymerize DBVP at 6000 atm both with the addition of azoisobutyric acid (at 80°, 10 h) and without initiator (at 100°C, 12 h). The polymerization was possible in the presence of the initiator. Irradiation with fast electrons in glass ampuls (0.1 μa/cm<sup>2</sup>, 2 · 10<sup>12</sup> ev/cm<sup>3</sup> · sec) likewise gave rise to polymerization (Table 1). The specific viscosity of the 1% solution was 0.047. Irradiation of this

Card 2/4



83483

Carbochain Polymers and Copolymers. XXVII.  
Polymerization and Copolymerization of  
Di-n-butyl Ester of Vinyl Phosphinic Acid

S/190/60/002/009/018/019  
B004/B060

polymer led to the formation of tridimensional, insoluble products. DBVP in n-heptane at 50°C and in the presence of dispersed KNa alloy yielded 43% of a polymerizate with a specific viscosity of 0.039. No high molecular weights could, thus, be obtained by any of the methods mentioned. Copolymerization of DBVP in emulsion was carried out: 1) with styrene at 60°C (Table 2); the copolymer had a molecular weight of 20,000, the 0.5% solution in benzene had a specific viscosity of 0.17; Fig. 2 shows the thermomechanical properties of the DBVP-styrene copolymer; a high phosphorus content lowers the softening temperature; 2) with vinyl chloride, DBVP at 60°C yielded copolymers of low viscosity (Table 3). With vinyl acetate, the copolymers obtained had a phosphorus content of 4.16%, the specific viscosity of their 2% ethanol solution was 0.31. The authors thank V. V. Korshak and A. M. Polyakova for having made high-pressure polymerization possible, B. L. Tsetlin for having carried out the irradiation, and G. L. Slonimskiy et al. for their determination of thermomechanical properties. There are 2 figures, 3 tables, and 7 references: 6 Soviet and 1 British.

Card 3/4

Carbochain Polymers and Copolymers. XXVII.  
Polymerization and Copolymerization of  
Di-n-butyl Ester of Vinyl Phosphinic Acid

83483  
S/190/60/002/009/018/019  
B004/B060

ASSOCIATION: Institut elementoorganicheskikh soedineniy AN SSSR  
(Institute of Elemental-organic Compounds of the AS USSR) X

SUBMITTED: May 12, 1960

Card 4/4

15.8150  
11.2210

31500  
S/190/62/004/093/020/023  
B124/B101

AUTHORS:

Rodionova, Ye. F., Kolesnikov, G. S., Fedorova, L. S.,  
Gavrikova, L. A.

TITLE:

Carbon chain polymers and copolymers. XXXVII. Polymerization  
and copolymerization of diphenyl vinylphosphinate

PERIODICAL:

Vysokomolekulyarnyye soyedineniya, v. 4, no. 3, 1962, 448-451

TEXT: The results of a study performed on the polymerization of diphenyl vinylphosphinate (DVP) and its copolymerization with styrene and acrylonitrile are presented. DVP was mass-polymerized in nitrogen at 60°C in sealed tubes in the presence of one of the following initiators: benzoyl peroxide, tert-butyl hydroperoxide, and azoisobutyronitrile. DVP was further copolymerized with styrene in mass and in emulsion. With increasing DVP content in the starting monomer mixture, the yield and the intrinsic viscosity of the resulting copolymer decrease. When a molar ratio of DVP and styrene equal to 25:75 is used, 2 molar % of the initiator are added, and the mixture is copolymerized at 72.5°C, a yield of 75% of the copolymer is attained after 7 - 8 hours which remains practically unchanged

Card 1/3

Carbon chain polymers ...

S/190/62/004/005/020/023  
B124/B101

in the further course of copolymerization. When temperature is lowered from 72.5 to 60°C, the intrinsic viscosity is raised to its double value; lowering of the concentration of the initiator has an analogous effect. When the mentioned two monomers were copolymerized in emulsion at 50°C in nitrogen and in the presence of ammonium persulfate for 36 hours, a copolymer containing about 2% of phosphorus, with an intrinsic viscosity of 1.57 and a molecular weight of 113,000 was obtained. When DVP is copolymerized with o-methylstyrene under conditions similar to those used with styrene, the yield of the copolymer is about the same as with styrene with the phosphorus content being somewhat higher. The vitrification point of the copolymer with o-methylstyrene is somewhat higher than that of the copolymer with styrene. The intrinsic viscosity of a 0.5% solution of the DVP-acrylonitrile copolymer in dimethyl formamide decreases with increasing content of the phosphorus-containing component; the yield of the copolymer after 3 hours of copolymerization varies but little with the composition of the starting mixture in the range of DVP concentrations studied. In all cases, the copolymer contains less of the phosphorus-containing component than the starting mixture. Thanks are due to S. A. Pavlova for the determination of the molecular weight. There are 2 figures, 6 tables, and 4 soviet  
Card 2/3

Carbon chain polymers ...  
references.

S/190/52/004/003/020/023  
B124/B101

ASSOCIATION: Institut elementoorganicheskikh sovetimeny AN SSSR (Institute  
of Elemental Organic Compounds of the AS USSR)

SUBMITTED: March 14, 1961

X

Card 3/3

L 43026-65 EWT(m)/EPP(c)/EPR/EWP(j)/Pc-L/Pr-L/Ps-L RPL - W/BK  
ACCESSION NR: AP5008358 S/0190/65/007/003/0377/0379

AUTHORS: Rodionova, Ye. F.; Kolesnikov, G. S.; Gavrikova, L. A.

TITLE: Oxidoreduction-initiated copolymerization of diphenyl vinylphosphinate with styrene

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 3, 1965, 377-379

TOPIC TAGS: polymer, copolymer, initiator, molecular weight, carbon, phosphorus, oxidoreduction, styrene, diphenyl, vinylphosphinate, sodium compound

ABSTRACT: In this 55th work from the series: "Carbon-chain polymers and copolymers," copolymerization in emulsion, initiated with an oxido-reducing system, was investigated in an effort to produce a high-molecular weight, high-phosphorus content copolymer of diphenyl vinylphosphinate (DPVP) with styrene. The method described by E. J. Vandenberg and G. E. Hulse (Industr. and Engng. Chem., 40, 932, 1948) was followed, and sodium mersolate was used as emulsifier. Experimental conditions, proportions of materials used, and the results obtained are tabulated. Molecular weights of the copolymers ranged up to 476 000, and the phosphorus content up to 3-4%. The yield of copolymer was found to increase at higher reaction temperatures. The authors thank S. A. Pavlova and her co-workers for determining

Card 1/2

L 43096-65

ACCESSION NR: AP5008358

the molecular weights. Orig. art. has: 2 tables. /

ASSOCIATION: Institut elementoorganicheskikh sovedineniy, AN SSSR (Institute of Elementoorganic Compounds, AN SSSR)

SUBMITTED: 02Apr62

ENCL: 00

SUB CODE: GC, CC

NO REF SOV: 001

OTHER: 002

*BJ*  
Card 2/2

L 328/6-65 EWT(m)/EPA(s)-2/EFF(c)/T/EWP(j)/EPR Pc-l/Pr-l/Ps-l/Pt-10 WW/RM  
ACCESSION NR: AP5007420 S/0286/65/000/004/0059/0059

AUTHOR: Kolesnikov, G. S.; Rodionova, Ye. F.; Gavrikova, L. A.; Moiseyev, A. A.;  
Akkermantseva, A. P.

TITLE: Method for obtaining self-extinguishing foamed polystyrene. 15 15 15 44 3  
Class 39, No. 168426 15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 59

TOPIC TAGS: self extinguishing material, self extinguishing plastic, styrene,  
phosphorus containing polymer, diphenyl vinylphosphonate, foamed plastic

ABSTRACT: An Author Certificate has been issued for a method of obtaining self-  
extinguishing foamed polystyrene. The styrene is first copolymerized with diphen-  
yl vinylphosphonate. The copolymer obtained is then processed into foamed  
plastic by the known method. [BN]

ASSOCIATION: none

SUBMITTED: 02Apr63

INCL: 00

SUB CODE: MT, OC

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3205

Card 1/1



RODIONOVA, Ye.F.; KOLESNIKOV, G.S.; GAVRIKOVA, L.A.

Copolymerization of diphenyl ester of vinylphosphinic acid  
with styrene in the presence of the initiating redox system.  
Vysokom. soed. 7 no.3:377-379 Mr '65.

(MIRA 18:7)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

USSR/Cosmochemistry - Geochemistry. Hydrochemistry

D.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4179

Author : ~~Gayrikova, I. D.~~

Inst : Lvov University

Title : Phosphate-Bearing Characteristics of Upper Cretaceous  
Rocks of the Right Bank of the Volga in the Saratov  
Oblast'

Orig Pub : Vopr. mineralogii osadoch. obrazovaniy. Folio 3-4. L'vov,  
L'vovsk. un-t, 1956, 405-409

Abstract : A study has been made of the phosphate-bearing characte-  
ristics of chalk-marl facies within the Saratov and a por-  
tion of the Balashov oblast'. It was found that the  
greatest amount of phosphorus is contained in rocks of  
Campanian and in part of the Maastrichtian stages. As  
concerns spatial distribution the P content decreases  
from north to south and from east to west in conjunction  
with facies changes in rocks. Concurrent study of

Card 1/2

- 70 -

USSR/Cosmochemistry - Geochemistry, Hydrochemistry

D.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4179

clayey minerals has made it possible to ascertain the characteristic conditions of phosphorus-formation, which comprises two steps: 1) deposition of phosphate material under conditions of a specific physicochemical environment, and 2) formation of phosphorites during embedment of silt sediment. A brief analysis of the separate geochemical zones is included.

Card 2/2

- 71 -

GAVRIKOVA, L.P.

Brief information on the distribution of Lower Cretaceous phosphorites in the Volga Valley protion of Saratov Province and their characteristics..Uch.zap.SGU 65:169-171 '59.

(Saratov Province—Phosphorite) (MIRA 16:1)

GAVRIKOVA. O.F.

DECEASED

1961/2

c 1959

SEE ILC

CHEMISTRY

SHUL'MAN, M.S.; GAVRIKOVA, O.F.; Prinizhala uchastiye: ABROSIMOVA, V.k.

Determining pentoses and pentosans in the molasses beer of the distilling industry. Trudy TSNIISP no.6:163-166 '58. (MIRA 10:12)  
(Pentoses) (Pentosans)

GAVRKOVA, S.N.; BAKHTYEV, M.K.

Geology of some massifs of secondary quartzites in the Kounradskiy region (southwestern part of the Lake Balkhash region). Geol.rud. mesterozh. 7 no.4:26-33 J1-Ag '65. (MIRA 18:8)

1. Moskovskiy geolozvedochnyy institut Im. Ordzhonikidze, Moskva.

STOICHITA, S.; SAFIRESCU, T.; BOICESCU, Lidia; DANCIU, I.; BROSTEANU, E.;  
DEBAU, M.; MARINESCU, Eliza; GAVRILA, I.; GAVRILA, D.; DOMOCOS, A.

Contribution to the study of cardiovascular and respiratory  
disorders in scleroderma. Stud. cercet. med. intern. 4 no.6:  
803-815 '63.

\*



STOICHITA, S., dr.; GHEORGHESCU, B. dr.; BOICESCU, Lidia, dr.; STECLACI, A.  
ing.; DEBAU, M., dr.; MARINESCU, Eliza, dr.; GAVRILA, I. dr.;  
GAVRILA, D., dr.; BROSTEANU, E. dr.; SAFIRESCU, T., dr.

Contribution to the study of digestive disorders in scleroderma.  
Med. intern. (Bucur.) 16 no.4:441-452 Ap'64.

1. Clinica a V-a medicala a Spitalului unificat de adulti al  
Raionului Gr. Rosie din Bucuresti.

\*

STOICHITA, Sandu; SAFINESCO, Theodor; BOICESCO, Lidia; BROSTEANU, Ernest;  
STECLACI, Adrian; DEBAU, Mircea; MARINESCO, Eliza; GAVRILA, Ion;  
GAVRILA, Doina

Osseous, muscular and articular lesions in scleroderma. Przegł.  
derm. 52 no.3:243-249 My-Je '65.

1. Z V Kliniki Medycznej Instytutu Medyczno-Farmaceutycznego w  
Bukareszcie (Kierownik: prof. dr. T. Sparchez).

GAVRILA, E.  
SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: \*)

Source: Bucharest, Farmacia, Vol IX, No 9, Sep 1961, pp 541-547.

Data: "Proposals for the Introduction of a New Determination Method in the 8th Edition of the Rumanian Pharmacopoeia."

Authors:

GAVRILA, E., -Pharmacist.-

BRAUN, Marilena, -Pharmacist.-

TEICA, Elena, -Pharmacist.-

COADA, F., -Pharmacist.-

\*) Work performed under the auspices of the Regional Laboratory for the Control of Drugs (Laboratorul Regional de Controlul Medicamentelor), Craiova.

670 981643

RUMANIA

576.8.573.4:616.831.9-002

BOCARNEA, C., Dr. and GAVRILA, F., of IMF [Institutul de Medicina si Farmacie; Medical-Pharmaceutical Institute] Bucharest.

"Straining with Acridine Orange in the Cytodiagnosis of Lymphocytic Meningitis."

Bucharest, Studii si Cerctari de Inframicrobiologie, Vol 17, No 4, 66, pp 285-292

Abstract: In a comparative study involving 85 cases of acute meningitis (20 purulent, 20 tubercular and 65 serous), the authors were able to elaborate a new criterion for the differential diagnosis between tubercular meningitis and other types. The method involves acridine orange straining of the cerebrospinal fluid and study by fluorescent microscopy. Includes 6 figures and 14 references, of which 10 Rumanian, 2 German and 2 English-language.

1/1

- 35 -

JELEA, Al., dr.; RACOVEANU, Carmen, dr.; ILIE, E., dr.;  
SUTEANU, St., dr.; DUMITRESCU, Co, farm.; GAVRILA, F., extern.

Contribution to the study of treatment with  $\alpha$ -chymotrypsin  
in bronchopulmonary diseases. Med. intern. 15 no.4:495-498  
Ap '63.

1. Lucrare efectuata in Institutul de medicina interna, al  
Acad. R.P.R. si al M.S.P.S. (director: acad. N. Gh. Lupu).  
(CHYMOTRYPSIN) (BRONCHITIS)  
(PULMONARY EMPHYSEMA) (ASTHMA)  
(BRONCHIECTASIS) (BRONCHIAL SPASM)

JELEA, Al., dr.; SUTEANU, St., dr. ILIE, E., dr.; GAVRILA, F., extern.

Respiratory and digestive interrelations. Med. intern. 15 no.12:  
1515-1522 D'63.

1. Lucrare efectuata in Institutul de medicina interna al  
Acad R.P.R. si Ministerului Sanatatii si Prevederilor Sociale  
(director:acad. N.Ch.Lupu).

\*

ACC NR: A18029178

SOURCE CODE: RU/0003/66/017/002/0108/0109

AUTHOR: Cavrila, E.; Braun, M.; Sorescu, E.

ORG: Regional Laboratory for the Control of Drugs, Craiova (Laboratorul regional de controlul medicamentelor)

TITLE: Contributions to the determination of anestezine

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 108-109

TOPIC TAGS: colorimetric analysis, chemical detection, titrimetry

ABSTRACT: The authors describe the determination of benzocaine by a colorimetric method involving the titration of the aminic component by means of titration with perchloric acid of the product dissolved in acetic acid, using crystal violet as indicator. Orig. art. has: 1 table. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 002

Card 1/1

JELEA, Al. dr.; ILIE, Ernest, dr.; GAVRILA, F., extern.

Contribution to the study of pulmonary insufficiency due to  
tabagism. Med. intern. 16 no.2:229-234 F'64.

1. Lucrare efectuata in Clinica medicala a Spitalului "Colentina",  
I.M.F., Bucuresti.

\*



BAZACOV, Gh. (Tr. Severin); PETRESCU, P. Anastasie (Craiova); GRIGORE, I. S.  
(Ploiesti); TEGDORESCU, I. (Galati); POPESCU, Gh. (Lugoj); STANESCU,  
Ilia (Sibiu); MORTUN, E. (Pitesti); IVANESCU, Cezar (Tirgoviste);  
APOLOZAN, Ion (Medgidia); VASILESCU, Constantin (Ploiesti); IONESCU-  
TIU, C.; GAVRILA, Gh. (Bucuresti); SAVU, Constanta (Bucuresti); STA-  
TESCU, Emilian (Buftea)

Questions for examinations in mathematics, Gaz mat B 15 no.4:167-171  
Ap '54.

L 1216-66

ACCESSION NR: AP5025826

RU/0005/65/000/004/0127/0130

AUTHOR: Gavrila, Gheorghe (Engineer) //

TITLE: VS 59-642 'Cosmos 3' television set

SOURCE: Telecommunicatii, no. 4, 1965, 127-130

TOPIC TAGS: TV receiver, telecommunication

ABSTRACT: A description of a new television receiver model. The set is of the superheterodyne type and used 16 electronic tubes, 9 germanium and 2 silicon diodes, and a picture tube of 59 centimeters with aluminized screen. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NR REF SOV: 000

OTHER: 000

JPRS

Card *mlb*  
1/1

RUMANIA/Optics - Optical Technology.

K-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 6990

Author : Gavrilă, I.

Inst : -

Title : Ultrasounds in Solid Bodies. Rumanian Ultrasonic Flaw  
Detector

Orig Pub : Gaz. mat. si fiz., 1959, B10, No 5, 274-278

Abstract : No abstract.

Card 1/1

L 13056-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6005730

SOURCE CODE: RU/0023/65/010/001/0059/0062

AUTHOR: Gavrila, Gh.—Gavrile, G. (Doctor)

ORG: Health District Saros Sonde, Tirnaveni Raion, Mures-Autonomia Maghiara Regiune  
(Circumscriptia sanitara Saros Sonde)

TITLE: Cases of leptospirosis in a rural district

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 59-62

TOPIC TAGS: intestinal disease, animal parasite, bacteria

ABSTRACT:

The author reports 9 cases of leptospirosis in schoolchildren who fell ill after having bathed in a brook also used by the village pig herds. The clinical symptoms were general asthenia, drowsiness, marked adynamia, pains throughout the body and especially in the distal extremity of the thighs and shanks, fever of 38 to 39 degrees centigrade, and vomiting. The clinical diagnosis was confirmed by laboratory tests in 5 of the cases. All the children recovered after 5 to 7 days, and no further cases were reported after the brook was disinfected and bathing there prohibited. Orig. art. has: 1 table.

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GAVRILA, I., Prof.; COMES, L.; POP, V.; URCAN, S.; GORGAN, V.

Meningo-encephalitic manifestations in epidemic parotitis.  
Rev. igiena microb. epidem., Bucur. no.3:66-72 July-Sept  
54.

1. (Clinica bolilor contagioase, Cluj).  
(MUMPS, complications  
meningo-encephalitis, statist. in Rumania)  
(MENINGOENCEPHALITIS, etiol. & pathogen.  
mumps, statist. in Rumania)

EXCERPTA MEDICA Sec. 6 Vol. 11/9 Sept. 57  
GAVRILĂ I.

5430. GAVRILĂ I., COMES L., ȘERBAN I., SOLOVIEV M., GHIDALI M., PIRVU C., LEPUREANU A., CUCU AL., BUCIU M., URCAN S. and LUCA E.  
Clin. de Boli Contagioase Din., Cluj. \*Contribuții la interpretarea vitezei de sedimentare a hematiilor în bolile infecțioase. Contributions to the interpretation of the erythrocyte sedimentation rate (ESR) in infectious diseases MED.INTERN.(București) 1956, 8/4 (525-532) Graphs 4 Tables 1

2500 ESR determinations were made in infectious diseases. Very high values, 60 to >100 in 1 hr., were attained in septicaemia, pneumonia, meningitis, leptospirosis and erysipelas. Moderate accelerations, ca. 60 mm., occurred in salmonellosis, scarlet fever, diphtheria; discreet or no accelerations (until 30 mm. in 1 hr.) in measles, rubeola, varicella, influenza and mumps. The acceleration is not synchronous with the other clinical symptoms and signs, but follows them. Defective reactivity of the organism (serious infections, toxic or allergic states) and some therapeutic factors may present acceleration of the ESR.

6-10K 11 7.1

EXCERPTA MEDICA Sec. 7 Vol. 12/4 Pediatrico April 53

1072. ANTIBIOTICS IN THE TREATMENT OF PERTUSSIS - Antibioticele în tratamentul tusei convulsive - Gavrilă I., Igna M. and Șervan I. Clin. de Boli Contag., Cluj - PEDIATRIA (București) 1957, 5/4 (344-348)

In 1952-1954, 586 pertussis patients aged from 2 weeks to 28 yr. were treated with streptomycin. Bronchopulmonary complications were observed in 55% of the cases, in 6% of the cases the pertussis occurred in children who had had tuberculous processes. In 10% of the cases there were encephalitic phenomena. The daily dose administered was in general 50 mg. per kg. (250-750 mg. per day) in 2 intramuscular injections, for 10 days. In cases of pulmonary complications, a combination with penicillin (400,000 - 600,000 U. daily) was administered. The results obtained by this treatment are very favourable (2% mortality, compared with 5-6% before this method was employed). In the majority of cases, with or without complications, evident improvement was observed after 3 to 4 days of treatment, viz. a decrease of the number and intensity of the attacks. In a smaller number of cases, treatment with chlortetracycline (21 cases) and chloramphenicol (12 cases) was applied. In the latter cases, the therapeutic results were not better than with streptomycin. (L, 7)

GAVRILA, I., Prof.; COMES, L., conf.; MIRESIANU, T., dr.; BUCIU, M., dr.

Studies of group C Salmonella infections. Med. int., Bucur.  
9 no.4:573-581 Apr 57.

1. Lucrare efectuata in Clinica de boli contagioase Cluj.  
(SALMONELLA INFECTIONS, case reports  
group C Salmonella paratyphi infect. & Salmonella  
choleraesuis infect.)



EXCERPTA MEDICA Sec.8 Vol.11/5 Neuro-Psychiat.May 58

2374. EPIDEMIC HEPATITIS WITH A NERVOUS ONSET - Forma cu început  
nervos a hepatitei epidemice - Gavrilă I., Josan R. and Ghidaly  
M. - MED. INTERN. (București) 1957, 9/7 (1046-1054)

Presentation of the results of a study carried out in 766 cases in the course of  
1954 and referring to nervous disorders developed in the prodromal stage of the  
disease: meningo-encephalitis, syndrome of the brain-stem, polyradiculoneuritis,  
polyneuritis, hemiparesis, schizophrenia. They were provoked in the course of  
the primary general viraemia. The prodromal nervous disturbances were accom-  
panied by dyspeptic and gastro-intestinal disorders and disappeared on develop-  
ment of the jaundice. Their prognosis is generally favourable.

Nicolaescu - Bucharest (L. 6, 8)

EXCERPTA MEDICA Sec 17 Vol 5/11 Public Health Nov 59

3412. ON ANTIRABIC SERUM PROPHYLAXIS - Despre seroprofilaxia antirabică -  
Gavrilă I., Iuraşog Gh. and Luca E. Clin. de Boii Contag., Cluj  
- MICROBIOLOGIA (Bucureşti) 1958, 3/5 (405-409)

Babes was the first scientist who, as early as in 1883, advocated the association of immune serum in antirabic vaccination. After a long time, during which this method was forgotten, it has recently been taken up again and investigated experimentally. This report concerns 11 cases of deep bites by the same rabid wolf, among which 4 cases in particular presented extremely deep bites in the head and other areas situated in the proximity of the nervous system. In all these cases, i. m. injections of hyperimmune antirabic serum were associated, at the rate of 3 ml./kg. of body weight, with the injections of vaccine. Serum infiltrations in amounts of 20 ml. were also made around the wounds. Up to the present all these cases are safe; 12 months have elapsed since the bite. On the basis of these favourable results, the authors suggest antirabic serum to be associated with the injections of antirabic vaccine in all cases of wolf-bite as well as in severe bites by other animals.

ENCERETA MEDICA Sec 8 Vol 12/11 Neurology Nov 59

5725. POLIOENCEPHALITIS. (CEREBRAL FORM OF POLIOMYELITIS) - Polioencefalita. (Forma cerebrală a bolii Heine-Medin) - Gavrilă I. and Iurașog Gh. Clin. Bolil. Contag. Cluj - PEDIATRIA (București) 1958, 7/4 (337-348) Graphs 4

Among 131 patients, during the year 1957, 7 cases of polioencephalitis were observed. The cerebral symptoms set in together with the secondary involvement of the cranial nerves and also of the spinal region. In spite of the severe initial symptomatology, 4 patients recovered almost totally. The existence of this form of the disease has been proved by histopathological research in 3 deceased patients and by virological tests in 2 cured patients. (L.8.7)

FROM AN SYSTEM IN CHILDREN WITH

EXCERPTA MEDICA Sec 17 Vol 5/7 Public Health July 59

1900. CONSIDERATIONS ON LEPTOSPIROSIS CASES AT THE CLINIC FOR INFECTIOUS DISEASES IN CLUJ, IN THE YEAR 1955 - Considerații asupra cazurilor de leptospiroză în Clinica de Boli Contagioase din Cluj - Gavrilă I., Cucu A. and Igna M. Clin. de Boli Contagioase, Cluj - MED. INTERNA (București) 1958, 10/5 (679-686)

Epidemiological and clinical data are presented for 18 cases. The patients did not come from an epidemic focus. The most frequently found causative agents were *L. pomona* and *L. pomona* 396. The clinical picture showed considerable variation, but was in general characterized by sudden onset with chills, fever, intense headache, myalgia (or even cramps), arthralgia, tender eyeballs, conjunctival injection and progressive weakness. Nicolaesco - Bucharest (L, 6, 17)