

*Ryumin*  
RYUMIN, S.

Budget of the Chinese People's Republic in the service of socialist  
construction. Fin.SSSR 18 no.11:73-81 N '57. (MIRA 10:12)  
(China--Budget)

OLEKMINSKIY, S.; RYUMIN, S.

Reduction of enterprise losses creates a reserve for the in-  
crease of accumulations. Fin.SSSR 20 no.12:12-20 D '59.  
(MIRA 12:12)

(Efficiency, Industrial) (Finance)

MAIAKHOV, N.; RYUMIN, S.

Analysis of reports and balances is an important means for the  
mobilization of hidden potentialities and increase of accumulat-  
ions. Fin. SSSR. 22 no. 2:9-15 F '61. (MIRA 14:2)  
(Finance)

**RYUMIN, S.**

How to compute the director's fund on the basis of the 1953  
annual reports. Fin. i kred. SSSR no. 3:72-75 Mr '54. (MLRA 7:4)  
(Finance)

USATOV, Ivan Andreyevich; RYUMIN, S., otv. red.; KONDRAT'YEVA, A., red.  
izd-va; TELEGINA, T., tekhn. red.

[Planning the turnover funds of an industrial enterprise] Pla-  
nirovanie oborotnykh sredstv promyshlennogo predpriatia. Mo-  
skva, Gosfinizdat, 1961. 81 p. (MIRA 14:10)  
(Capital)

OLEKMINSKIY, S.; RYUMIN, S.

Potentials for increasing accumulations in industry. Fin. SSSR  
23 no.7:33-40 J1 '62. (MIRA 15:7)  
(Industrial management) (Capital)

MALAKHOV, N.; RYUMIN, S.

Main trends in the analysis of reports and balances for 1962.  
Fin.SSSR 37 no.2:16-24 F '63. (MIRA 16:2)  
(Auditing and inspection) (Industrial management)

KAPUSTIN, Ye.I., kand.ekon.nauk; LAVROV, V.V.; RYUMIN, S.M.; KONSTANTINOV,  
Yu.A.; PRAVDIN, D.I., kand.ekon.nauk; KIRILLOVA, N.I.; RIMASHEVSKAYA,  
N.M.; ANTROPOV, B.F.; RYABKOV, F.S.; POPOV, G.A.; DEM'YANOVA, V.A.;  
SMOLYAR, I.M.; ACHARKAN, V.A., kand. yurid.nauk; BRONER, D.L.;  
SHEPTUN, Ye.V.; KRYAZHEV, V.G.; ALESHINA, F.Yu., kand. ekon. nauk;  
KUZNETSOVA, N.P.; MARKOVICH, M.B.; BIBIK, L.F.; BUDARINA, V., red.;  
GRIGOR'YEVA, I., mladshiy red.; CHEPELEVA, O., tekhn. red.

[Public consumption funds and improving the welfare of the people in  
the U.S.S.R.] Obshchestvennye fondy i rost blagosostoiania naroda v  
SSSR. Moskva, Sotsekgiz, 1962. 222 p. (MIRA 15:6)  
(Cost and standard of living)



RYUMIN, S.

Financing and issuing credit for capital investments in the member  
countries of the Mutual Economic Assistance Council. Fin. SSSR 38 no.1:  
88-92 Ja '64. (MIRA 17:2)

IKONNIKOV, V.V., prof.; VASIL'YEV, P.G., ,and, ekon.nauk; LAVROV,  
V.V., prof.; RYUMIN, S.M.; KOLYCHEV, L.I., kand. ekon.  
nauk; SAMOYLOV, V.K.; IYSKOVICH, A.A.; KOLOMIN, Ye.V.,  
kand. ekon. nauk; MITEL'MAN, Ye.L., kand. ekon. nauk;  
BEL'KINA, R.K., kand. ekon. nauk; SHTEYNHLEYGER, S.B.,  
kand. ekon. nauk; ROTLEYDER, A.Ya., kand. ekon. nauk;  
POGODIN, Yu., red.; TELEGINA, T., tekhn. red.

[Finance and credit in the U.S.S.R.] Finansy i kredit SSSR.  
Moskva, Izd-vo "Finansy," 1964. 447 p. (MIRA 17:3)

ALLAKHVERDYAN, D.A., prof., red.; RYUMIN, S.M., red.; SHER, I.D.,  
prof., red.; BUNICH, P.G., prof., red.; VINOKUR, R.D.,  
dots., red.; BOROZDIN, B., red. izd-va; LEBEDEV, A.,  
tekh. red.

[Problems of financial planning] Problemy finansovogo pla-  
nirovaniia; sbornik statei. Moskva, Gosfinizdat, 1963. 141 p.  
(MIRA 16:12)

1. Moscow. Finansovyy institut. 2. Moskovskiy finansovyy  
institut (for Allakhverdyan, Sher, Vinokur). 3. Zamestitel'  
direktora Nauchno-issledovatel'skogo finansovogo instituta  
(for Ryumin). 4. Nauchno-issledovatel'skiy finansovyy in-  
stitut (for Bunich). (Finance)

GUBIN, B.V., red.; RYUMIN, S.M., red.

[Problems in economizing materials in construction work] Voprosy ekonomii materialov v stroitel'stve; sbornik. Moskva, Gosfinizdat, 1958. 170 p. (MIRA 13:8)

1. Moscow. Nauchno-issledovatel'skiy finansovyy institut. (Construction industry--Costs)

RYUMIN

BUNICH, P.G., kand.ekon.nauk, starshiy nauchnyy sotrudnik; PAKHOMOV, A.M.,  
kand.ekon.nauk, starshiy nauchnyy sotrudnik; BUDAVEY, V.Yu., nauchnyy  
sotrudnik; IVANOV, Ye.A., nauchnyy sotrudnik; KIRILLOV, I.A., prof.,  
doktor ekon.nauk; KOVALEVA, A.M., kand.ekon.nauk; SAFRAY, G.Ye.,  
kand.ekon.nauk; YAKOBSON, M.O., prof., doktor tekhn.nauk; GOGITISHVILI,  
R.N., inzh.; KHABUR, B.P.; BROYDE, I.M.; FILATOV, N.I.; BLAZHEY,  
Zdenko, doktor, ekonomist (Chekhoslovatskaya Respublika); NESHVER,  
Vatslav, inzh., ekonomist (Chekhoslovatskaya Respublika); RYUMIN, S.M.,  
red.; ZAVERNYAYEVA, L., red.izd-va; LEBEDEV, A., tekhn.red.

[Planning and financing of major repairs on fixed assets] Planiro-  
vanie i finansirovanie kapital'nogo remonta osnovnykh fondov.  
Moskva, Gosfinizdat, 1958. 223 p. (MIRA 12:2)

(Continued on next card)

BUNICH, P.G.---(Continued) Card 2.

1. Moscow. Nauchno-issledovatel'skiy finansovyy institut. 2. Nauchno-issledovatel'skiy finansovyy institut (for Bunich, Pakhomov). 3. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosplana SSSR (for Ivanov). 4. Moskovskiy inzhenerno-ekonomicheskiy institut im. S. Ordzhonikidze (for Safray). 5. Eksperimental'nyy nauchno-issledovatel'skiy institut metallovezhushchikh stankov (for Gogitishvili). 6. Zamestitel' direktora Tsentral'nogo nauchno-issledovatel'skogo instituta morskogo flota (for Khabur). 7. Nachal'nik finansovogo otdela sovnarkhoza Tatarskoy ASSR (for Broyde). 8. Ekspert Ministerstva finansov SSSR (for Filatov). 9. Investitsionnyy bank (for Blazhey). 10. Tekhniko-organizatsionnyy nauchno-issledovatel'nyy institut mashinostroyeniya (for Neshver).

(Industry--Finance)

BELKINA, Revekka Konstantinovna; RYUMIN, S.M., otv. red.; NADEZHDINA, A.,  
red. izd-va; TELEGINA, T., tekhn. red.

[Working capital of contracting construction organizations] Obo-  
rotnye sredstva podriadnykh stroitel'nykh organizatsii. Moskva,  
Gosfinizdat, 1962. 186 p. (MIRA 15:12)  
(Construction industry—Finance)

USATOV, I.A., kand.ekonom.nauk, starshiy nauchnyy sotrudnik, obshchiy red.; BACHURIN, A.V., otshchiy red.; RYUMIN, S.M., obshchiy red.; ROSHCHINA, L., red.; TOLYPINA, O., red.; LEBEDEV, A., tekhn.red.

[Financial planning in industry and building] Finansovoo planirovanie v promyshlennosti i stroitel'stve. Moskva, Gosfinizdat, 1959. 181 p. (MIRA 12:9)

1. Moscow. Nauchno-issledovatel'skiy finansovyi institut.
2. Nauchno-issledovatel'skiy finansovyy institut Ministerstva finansov SSSR (for Usatov).

(Finance)



ARTEMOV, Yu.M., kand. ekonom. nauk; GAL'PERIN, N.S., kand. ekon. nauk; GUBIN, B.V., kand. ekon. nauk; ZHUKOV, V.N., kand. ekon. nauk; OCHKOV, M.S., kand. ekon. nauk; OSKORDOV, V.P., starshiy ekonomist; BARGOL'STS, S.B., dotsent, kand. ekon. nauk; SIBIRYAKOV, L.Ye.; IVANOV, N.N.; RABINOVICH, M.A., ekspert; LIPSITS, V.B., kand. ekon. nauk; VOLKOV, S.I., kand. ekon. nauk; KOROLEVA, Ye.P., aspirantka; RYUMIN, S.M., red.; SUBBOTINA, K., red.; TELEGINA, T., tekhn. red.

[Planning and calculating the cost of industrial production] Voprosy planirovaniia i kal'kulirovaniia sebesteimosti promyshlennoi produktsii. Moskva, Gosfinizdat, 1961. 183 p. (MIRA 14:8)

1. Moscow. Nauchno-issledovatel'skiy finansovyy institut. 2. Sotrudniki Nauchno-issledovatel'skogo finansovogo instituta (for Artemov, Gal'perin, Gubin, Zhukov, Ochkov, Oskordov). 3. Vsesoyuznyy zaachnyy finansovo-ekonom. institut (for Bargol'ts). 4. Glavnyy bukhgalter Moskovskogo elektrozavoda (for Sibiriyakov). 5. Starshiy konsul'tant Upravleniya bukhgalterskogo ucheta Ministerstva finansov SSSR (for Ivanov, Rabinovich). 6. Nachal'nik podotdela obshchikh ekonomicheskikh voprosov tsenoobrazovaniya Byuro tsen pri Gosplane SSSR (Lipsits). 7. Moskovskiy ekonomiko-statisticheskii institut (for Koroleva)

(Costs, Industrial)

YEVSTRATOV, A.; RYUMIN, V.

Cashbox or automatic cash register? Avt.transp. 41 no.10:12-14  
0 '63. (MIRA 16:10)

RYUMIN, V.; SHTUTMAN, F.

Combination semitrailers. Avt.transp. 39 no.4:42 Ap '61.  
(MIRA 14:5)

(Truck trailers)

RYUMIN, V.A.

M-830 combined semitrailer. Mashinostroenie no.1:114-115  
Ja-F '63. (MIRA 16:7)

(Truck trailers)

RYUMIN, Vladislav Ivanovich; MIKHAYLOV, F.A., prof., doktor tekhn.  
nauk, retsenzent; SAMSONOVA, M.T., red.

[Principles of automation and the automation of operations in municipal engineering] Osnovy avtomatiki i avtomatizatsiia protsessov gorodskogo stroitel'stva. Moskva, Vysshaya shkola, 1965. (MIRA 18:3)

RYUMIN, V.N., kand.tekhn.nauk; BENKIN, V.A., inzh.

Automatic control in the production of automobile and tractor  
engine crankshafts. Trakt. i sel'khoz mash. 8:37-40 Ag '58.  
(MIRA 11:8)  
(Tractors--Engines) (Automobiles--Engines) (Automatic control)

RYUMIN, V.N.; BENKIN, V.A.

Automation of the manufacture of camshafts for automobile and tractor engines in the U.S.A. Biul. tekhn.-ekon. inform. no.4: 93-96 '58. (MIRA 11:6)

(United States--Automation)  
(United States--Automobiles--Engines)  
(United States--Tractors--Engines)

RYUMIN, V.N.; BENKIN, V.A.

Automation of the production of tractor-engine valves. Biul.  
tekh.-ekon.inform. no.5:90-92 '58. (MIRA 11:7)  
(Automation) (Valves)



RYUMIN, V.N.; BENKIN, V.A.

Automation of the manufacture of tractor-engine crankshafts.  
Hiul. tekhn.-ekon. inform. no.3:93-96 '58. (MIRA 11:6)  
(Automation) (Crank and crankshafts)

~~RYUMIN, V.N.~~, kandidat tekhnicheskikh nauk.

Efficient use of round screw-cutting dies. Vest.mash.34 no.12:  
43-46 D'54. (MLRA 8:2)  
(Screw cutting)

RYUMIN, V.M.

Electric spark technique in the manufacture of hard-alloy thread  
rollers. Stan. 1 instr. 26 no.2:26-27 Fe '55. (MLRA 8:6)  
(Electric spark) (Screw cutting)

RYUMIN, V. N.

USSR/ Engineering - Machine tools

Card 1/1 Pub. 138 - 11/34

Authors : Ryumin, V. N.

Title : The economical use of screw-cutting dies

Periodical : Vest. mash. 12, 43-46, Dec 1954

Abstract : The structure and operation of screw-cutting dies was investigated in order to eliminate some of their defects attributed to erroneous manufacture. Tests performed on 6,000 screw-cutting dies revealed that the erroneous manufacture of these dies accounts for 90% of their defects. Illustration; drawings; diagrams.

Institution : .....

Submitted : .....

Ryumin, V. N.

USSR/ Engineering - Industrial processes

Card 1/1 Pub. 103 - 8/19

Authors : Ryumin, V. N.

Title : Preparation of infusible knurling rollers by the electric spark method

Periodical : Stan. i instr. 2, 26 - 27, Feb 1955

Abstract : The technological possibilities of preparing infusible metal cutting tools (knurlin rollers) by means of the electric spark method are discussed. Research has shown that metal-ceramic solid alloys are the most suitable materials for the manufacture of knurling rollers by means of the electric spark. Best results were obtained with knurling rollers prepared from the T5K10 solid alloy. Other hard alloys, considered suitable for the preparation of knurling rollers are listed. Table; graphs; drawings; illustrations.

Institution: .....

Submitted: .....

RYUMIN, V.P.

Role of the vagus nerve in the cardiogastric reflex. *Biul. eksp. biol. i med.* 48 no.10:17-18 0 '59. (MIRA 13:2)

1. Iz kafedry normal'noy fiziologii (zav. - prof. M.R. Mogendovich) Permskogo meditsinskogo instituta. Predstavlena deystvitel'nyy chlenom AMN SSSR V.V. Parinym.

(VAGUS NERVE physiol.)

(HEART physiol.)

(STOMACH physiol.)

RYIMIN, V. P.

Reflex effects of vibrations from the heart on the stomach [with  
summary in English]. Biul. eksp. biol. i med. 45 no.1:23-26 Ja '58.  
(MIRA 11:4)

1. Iz kafedry normal'noy fiziologii (zav. - prof. M.R. Mogendovich)  
Per'mskogo meditsinskogo instituta. Predstavlena deystvitel'nym  
chlenom AMN SSSR P.S. Kupalovym.

(HEART, physiology,  
eff. of vibratory stimulation on stomach motor funct.  
(Rus))

(STOMACH, physiology,  
eff. of vibratory heart stimulation on motor funct.  
(Rus))

(VIBRATIONS, effects,  
heart stimulation, eff. on stomach motor funct. (Rus))

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70261  
Author : Ryumin, V. P.  
Inst : Molotov Medical Institute  
Title : The Influence of Vibration on the Gastric Secretion of  
the Dog  
Orig Pub : Tr. Molotovsk. Med. In-ta, 1957, No 26, 38-41  
Abstract : No abstract given



✓ 6734. Effect of vibration on the motor activity of the stomach.  
V. P. Rizmin *Sborn nauka Rabot. Medits. Inst.*, 1955, 32—49;  
*Referat. Zh. Biol.*, 1956, Abstr. No. 82978.—Contractions of the  
stomach were recorded by a lever attached near its mid-point in  
bulbar and bulbospinal frogs with opened thoraco-abdominal  
cavities. On exposure to an electric vibrator for 1—2 min. an  
increase of gastric muscular activity was observed in 84% of  
experiments. The least (threshold) time of action of vibration for  
producing a reaction of the gastric musculature was 0.02—2 sec.  
Analogous experiments carried out on a dog with a chronic fistula  
of the region of the greater curvature of the stomach showed that  
vibration in the region of the stomach through the abdominal  
wall stimulated and increased the motor activity of the stomach.  
Vibratory massage is to be recommended in the treatment of  
atonia of stomach and intestine. (Russian) T. R. PARSONS

RYUMIN, V.P.

Influence of vibration on the heart and stomach. Trudy Vses. ob-va  
fiziol., biokhim. i farm. 4:80-84 '58. (MIRA 14:2)

1. Kafedra normal'noy Permskogo gorod'skogo meditsinskogo  
instituta (zav. kafedroy prof. M.R. Mogendovich).  
(VIBRATION—PHYSIOLOGICAL EFFECT) (STOMACH) (HEART)

RYUMIN, V.P.

Reflex effect of chemical stimulation of the heart on the motor  
activity of the stomach. Fiziol. zhur. no. 4:476-479 Ap '60.  
(MIRA 13:10)

1. From the Normal Physiology Chair of the Medical Institute, Perm.  
(HEART—INNERVATION) (STOMACH)

RYUMIN, V.P.

Use of ultrasonic waves in investigating aqueous solutions of  
natural iron-oxide pigments. Zhur.prikl.khim. 35 no.1:56-60  
Ja '62. (MIRA 15:1)

1. Leningradskiy zavod khudozhestvennykh krasok:  
(Pigments) (Ultrasonic waves)

RYUMIN, V. P.

Accelerated precipitation of artificial and natural iron oxide  
pigments. Zhur. VKHO 7 no.5:591 '62. (MIRA 15:10)

(Pigments) (Iron oxides)

RYUMIN, Vladimir

Chemistry made interesting. Pereklav K. Shmyhovs'kyi. 3.vyd. Kharkiv, Molodyi bil' shovyk, 1932. 149 p.

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29897

Author : Ryumina, G.A.

Inst : The Institute for Fiber Crops.

Title : Peculiarities in the Agrotechny of Monoecious Hemp.

Orig Pub : Dokl. VASKhNIL, 1957, No 7, 30-34.

Abstract : Experiments made at the experimental base of the Institute for Fiber Crops have shown that when cultivating the Central Russian type of monoecious hemp for fiber and seed on well prepared filed soils, the best planting method is with continuous rows with a sowing rate of 80 kg. per ha. The density of the stand of stalks should be 3.5-4 million plants per 1 ha. This density may be obtained by planting 80 kg. of germinating seeds with a weight of 1000 seeds being 13.5-14 grams.

Card 1/1

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002  
KOZKO, A.I., inzh.; RYUKINA, A.A.

CIA-RDP86-00513R001446510017-2  
CIA-RDP86-00513R001446510017-2"

Rapid method of determining the ash content in brown coals. Obog. i  
brik. ugl. no. 30:108-113 '63. (MIRA 17:4)



RYUMKINA, K., doverennyy vrach

Earlier shortcomings remained. Okhr.truda i sots.strakh.  
no.2:73 Fe '59. (MIRA 12:4)

1. Oblsovprof. g. Knybyshev.  
(KUYBYSHEV PROVINCE--LABOR AND LABORING CLASSES--MEDICAL CARE)

FOKIN, Ye.P.; RYULINA, A.I.; MATOSHINA, K.I.

Interaction of 2,3-dichloro- and 2-chloro-3-arylamino-1,4-naphtho-  
quinones with piperidine. *Izv. SO AN SSSR no.11 Ser.khim.nauk no.*  
3:127-129 '63. (MIRA 17:3)

1. Novosibirskiy institut organicheskoy khimii Sibirskogo otdeleni-  
ya AN SSSR.

Ryumin, N. A., K. P.

Voprosy stabilizatsii i dinamiки plazmy. Tselny Konferentsiya po Magnetnoy Gidrodinamike i Plasme 2-10 Iyulya 1979 g. (Problems of Magnetohydrodynamics and Plasma Dynamics. Works of the Conference on Magnetohydrodynamics and Plasma Dynamics, 2-10 July 1979), Moscow, 1979, 339 pp.

The majority of the texts of the 55 conference reports and discussions of reports are presented in the source in abridged form. Previously published reports included there as brief abstracts only. The material published there for the first time (abridged and unbridged) are as follows:

"The Role of Magnetohydrodynamics and Plasma Dynamics in Certain Problems of Astrophysics," by D. A. Frank-Kamenetskii, Moscow, pp 7-11

"Magnetohydrodynamics and the Study of Variations of Cosmic Rays," by L. I. Dorman, Moscow, pp 13-24

"Cosmic Ray Spectrum and Their Role in Cosmic Gas Dynamics," by S. I. Gerasimov, Moscow, pp 15-48

"The Influence of a Magnetic Field on the Stability of Flow of a Compressible Fluid," by Ye. P. Yalilov, Moscow, pp 49-56

"Some Problems of the Motion of a Rarefied Plasma in a Magnetic Field," by Ye. P. Terentev, Moscow, pp 59-62

"On Realistic Steady-State Solutions of a Rarefied Plasma in a Magnetic Field," by R. E. Sagdeev, Moscow, pp 63-65

"On One Criterion of Applicability of the Equations of Magnetohydrodynamics to a Plasma," by I. I. Penzlin, Moscow, pp 67-71 (Discussion of the report by R. V. Solov'ev, Saratov, pp 71-72)

"On the Possibility of Accelerating Charged Particles by Means of Shock Waves in Magnetized Plasma," by L. I. Dorman and G. I. Pechman, Moscow and Saratov, pp 77-81

"On the Acceleration of Charged Particles During Powerful Isotropic Microbursts and During the Collision of Magnetized Clouds," by L. I. Dorman, Moscow, pp 83-88

"The Influence of a Longitudinal Magnetic Field on the Temperature of the Electrons in a Plasma," by N. I. Korotkov, Nalchik, pp 89-92

"Investigation of Certain Characteristics of a Plasma of Xenon and Argon Under a Powerful Shock Wave," by S. R. Kozlov, Moscow, pp 93-103

"Observation of Electrodynamical Constriction of an Arc with the Aid of an Inverse-Optical Converter," by V. L. Zhuravskiy, Ye. P. Terentev, V. I. Skovrlid, and G. G. Maslova, Moscow, pp 107-113

"On the Interaction of Weak Perturbations with Discontinuities and the Stability of Shock Waves in Magnetohydrodynamics," by V. M. Kozlovskiy, Saratov, pp 117-125

"On the Stability of Shock Waves in Magnetohydrodynamics," by S. I. Zhuravskiy, Moscow, pp 127-131

"On the Scattering of Electromagnetic Waves on Turbulent Fluctuations," by A. G. Stepanov and V. A. Kirovskiy, Saratov, pp 143-146

"On the Dispersion of Magnetohydrodynamic Waves in a Plasma," by R. E. Sagdeev, Moscow, pp 147-149

"Single Waves in Magnetohydrodynamics," by A. I. Akhmediev, G. Ya. Imshantsev, and R. V. Solov'ev, Saratov, pp 151-157

"Two-dimensional Problems of Magnetohydrodynamics," by G. S. Gollitsyn, Moscow, pp 161-165

"On Wave-Induced Flows in Magnetohydrodynamics," by A. I. Zhuravskiy, Moscow, pp 167-171

"Oscillations of an Isolated Gas Cylinder with Its Own Gravitation in a Magnetic Field," by I. N. Khoroshkova, Moscow, pp 175-183

"On Magnetic Boundary Layers and Electric Current Discharges in Nozzling Media," by V. R. Zolotarev, Moscow, pp 185-190

RAYKHSHTAT, G.N.; SHAPIRO, A.A.; KARASEVA, M.F.; LEYKINA, R.F.; RYUMINA, M.G.;  
BERLOVICH, E.A.

Epidemiological effectiveness of intradermal vaccinations with  
live epidemic parotitis vaccine. Zhur.mikrobiol., epid. i immun.  
42 no.10:22-24 0 1965. (MIRA 18:11)

1. Sanitarno-epidemiologicheskaya stantsiya Sverdlovskogo  
rayona Moskvya. Submitted May 4, 1965.

RAYKHSHTAT, G.N.; SHAPIRO, A.A.; RYUMINA, M.G.; LEYKINA, R.F.; BERLOVICH,  
E.A.; KARASEVA, M.F.

Expansion of the age group of children subject to whooping cough  
vaccination. Vop. okh. mat. i det. 8 no.7:76-78 J1 '63.  
(MIRA 17:2)

1. Iz sanitarno-epidemiologicheskoy stantsii (glavnyy vrach M.  
G. Gilel's) Sverdlovskogo rayona Moskvy.

RAYKHSHTAT, G.N.; SHAPIRO, A.A.; LEYKINA, R.F.; KARASEVA, M.F.; BERLOVICH, E.A.;  
RYUMINA, M.G.; BROKER, T.N.; KUZNETSOVA, N.S.

Epidemiological effectiveness of preventive bacteriophage treatment  
against dysentery in pediatric institutions. Zhur. mikrobiol., epid.  
i immun. 42 no.8:139-141 Ag '65. (MIRA 18:9)

1. Sanitarno-epidemiologicheskaya stantsiya Sverdlovskogo rayona  
Moskvy.

RAYKHSHTAT, G.N.; LEYKINA, R.F.; RYUMINA, M.G.; BERIOVICH, E.A.; KARASEVA, M.F.

Bacteriological examination of children admitted to day nurseries  
as an additional method for early detection of brought-in dysentery.  
Zhur. mikrobiol., epid. i immun. 40 no.9:135 S'63. (MIRA 17:5)

1. Iz Sanitarno-epidemiologicheskoy stantsii Sverdlovskogo  
rayona Moskvy.

USSR/Human and Animal Physiology. Digestion. Salivary Glands. T-7

Abs Jour: Ref Zhur-Diol., No 12, 1958, 55695.

Author : Bolotov, G.N., Ryumina, T.F.  
Inst : Molotov Institute of Medicine.  
Title : The Methods of Registering Salivary Discharge in  
Dogs.

Orig Pub: Tr. Molotovsk. med. in-ta, 1957, vyp. 26, 66-70.

Abstract: It has been proposed to introduce a device which is constructed along the same basic principles as the water transmission device. The apparatus is simple and convenient to use. Its indicators do not depend on the surrounding environment (temperature and air pressure), and they reflect exactly the volume of

Card : 1/2



RYUMKINA, K., doverennyy vrach.

Under new conditions. Okhr. truda i sots. strakh. no.2:52-53  
Ag '58. (MIRA 12:1)

1. Sovprof, g. Kuybyshev.  
(Kuybyshev Province--Medicine, Industrial)

AUTHORS: Granovskiy, V. L., Rymina, K. P., SOV/56-35-1-5/59  
Savoskin, V. I., Timofeyeva, G. G.

TITLE: Observations of the Pinch Effect During a Decrease of  
Amperage (Nablyudeniya pinch-effekta pri umen'shayushcheysya  
sile toka)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,  
Vol. 35, Nr 1, pp. 45 - 49 (USSR)

ABSTRACT: The influence of the plasma's own magnetic field upon  
the plasma column has already been investigated by various  
authors (Refs 1-5); in some cases this was done in the  
case of increasing amperage (e.g. Ref 4). In the present  
paper the authors describe investigations of plasma deformations  
in the case of decreasing amperage in discharge tubes  
of 10 and 32 mm diameter in hydrogen- or mercury vapor  
at from  $10^{-3}$  to  $10^{-2}$  torr, at current pulses of  $\sim 300$   
microseconds and amplitudes of from 1,3 to 5,5 kA ( $300\mu\text{F}$ ,  
1-3 kV). For photorecording an electron-optical trans-  
former (type PIM-3, developed by M.M. Butlerov) was used.

Card 1/2 Photographs are given of a number of contracted, bent, or

Observations of the Pinch Effect During a Decrease of Amperage SOV/56-35-1-5/59

kinked plasma filaments. It was found that for  $di/dt < 0$  such electrodynamic deformations occur, which vanish again at points of high gas density (i.e. according to experimental conditions near the cathode or near the anode). Exposure in each case lasted 1,5 microseconds. There are 3 figures, 1 table, and 6 references, 2 of which are Soviet.

ASSOCIATION: Vsesoyuznyy elektrotekhnicheskiy institut (All-Union Institute of Electrical Engineering)

SUBMITTED: February 12, 1958

Card 2/2

PLAZMA I NOSE REZOLUCIJA 800/3762

Emferentstva po magnetnoy gidrodinamika. Riga, 1968.  
Voprosy magnetnoy gidrodinamiki i lineimki plazmy; trudy Konferentsii.  
(Problems in Magnetohydrodynamics and Plasma Dynamics; Transactions of a  
Conference) Riga: Izdatvo AN Latvishoy SSR, 1969. 343 p.  
Errata slip inserted. 1,000 copies printed.

Sponsoring Agency: Akademiya nauk Latvishoy SSR, Institut Fiziki.  
Editorial Board: D.A. Frank-Kamenetskiy, Doctor of Physics and Mathematics,  
Professor; A.I. Vol'dak, Doctor of Technical Sciences, Professor; I.M. Kirko,  
Doctor of Physics and Mathematics; V.N. Volynskiy, Candidate of Physics and  
Mathematics; V.G. Vitol, Candidate of Physics and Mathematics; Th.M. Krumin',  
and V.N. Kuvshinov.

Ed.: A. Bytal'bens; Tech. Ed.: A. Elyeraya

PURPOSE: This book is intended for physicists working in the field of magnetohydrodynamics and plasma dynamics.  
CONTENTS: This volume contains the transactions of a conference held in Riga, June 1968. Problems in applied and theoretical magnetohydrodynamics. The subjects of the conference were the investigation of the interaction between the electric and applied magnetohydrodynamics, establishing links between the problems of research in different branches of magnetohydrodynamics, and promoting the participation of theoretical physicists in problems in applied magnetohydrodynamics. More than 150 papers were read. Similar conferences had been held regularly in the future, but the next such conference is scheduled to be held in Riga in June 1969. In this present collection of the transactions of the conference, most of the papers and comments on papers are presented by the authors themselves in abridged form. The book is divided into two parts: plasma dynamics, and magnetohydrodynamics in astrophysics (D.A. Frank-Kamenetskiy), magnetohydrodynamics and the investigation of cosmic-ray variations (I.I. Borozan), hydrodynamics of plasma in a magnetic field (B.V. Ginzburg and A.I. Zhurav), stability of shock waves and magnetohydrodynamics (A.Y. Akhiezer). The second part, consisting of 35 articles, deals with physical simulation for investigation of magnetohydrodynamic processes in liquid metals (I.M. Kirko) and the development of electromagnetic pumps (P.G. Kuvshinov) at the Institute of Physics of the Academy of Sciences, Latvian SSR. Several articles are devoted to induction pumps, electromagnetic crucibles, electromagnetic stirrers for molten metal, and their application in the metallurgical industry including schematic diagrams of their power-supply systems. References are given at the end of most of the articles.

Dorosan, I.I. On Charge-Particle Acceleration During Powerful Tupulse Discharge and the Collision of Magnetized Clouds Kontshov, M.Y. The Effect of Longitudinal Magnetic Fields on Electron Temperature in Plasmas	85
Dooler, S.R. Research on Certain Characteristics of Plasmas of Lazone and Argon Behind a Powerful Shock Wave	89
Gromovskiy, V.I., S.P. Ryzhikov, V.I. Serzhitskiy, and G.G. Zhuravskiy. Investigation of an Electrodynamically Financed Arc With the Aid of an Electron-Optical Converter	93
Akhiezer, A.I., G.Z. Lyubarskiy, and B.V. Volynskiy. On the Stability of Shock Waves in Magnetohydrodynamics	107
Kontorovich, Y.M. On the Interaction of Small Disturbances With Discontinuities and the Stability of Shock Waves in Magnetohydrodynamics	116

YEGOROV, L.M., kand.yurid.nauk; RYUMINA, L.A.

From the practice of the Maritime Arbitration Commission. Inform.  
sbor.TSNIIMF no.34:72-'58. (MIRA 14:3)  
(Arbitration and a ward) (Freight and freightage—Claims)

RYUMINA, L.A.[translator]; PROTOPOPOVA, M.I.[translator]

Judicial practice in the U.S.A. Inform.sbor.TSNIIMF no.34:77-81  
'58. (MIRA 14:3)  
(United States—Maritime law) (Freight and freightage—Claims)

PETROV, V.I.; GOELEVSKAYA, M.V.; SYRKASHEVA, A.V.; RAYKHSHTAT, G.N.;  
SHAPIRO, A.A.; BERLOVICH, E.A.; KARASEVA, M.F.; RYUMINA, M.G.  
LEYKINA, R.S.; BROKER, T.N.; GITARIN, D.Yu.; MOSKOVENKO, D.F.;  
STASILEVICH, Z.K.; REUT, A.I.; ALIYEVA, S.G.

Annotations. Zhur. mikrobiol., epid. i immun. 40 no.2:109-112  
F '63. (MIRA 17:2)

1. Iz Dnepropetrovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii (for Petrov). 2. Iz Saratovskogo meditsinskogo instituta i Saratovskoy gorodskoy sanitarno epidemiologicheskoy stantsii (for Godlevskaya, Syrkasheva). 3. Iz sanitarno-epidemiologicheskoy stantsii Sverdlovskogo rayona Moskovy (for Raykhshtat, Shapiro, Berlovich, Karaseva, Ryumina, Leykina, Broker). 4. Iz Instituta eksperimental'noy patologii i terapii AMN SSSR (for Stasilevich). 5. Iz Belorusskogo sanutarni-gigiyenicheskogo instituta (for Reut). 6. Iz Uzbekskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (for Aliyeva).

SHNAYDMAN, L.O.; KUSHCHINSKAYA, I.N.; Primali uchastiye: SILING, M.I.;  
BALATSENKO, S.V.; SHEVYREVA, O.N.; RYUMINA, N.V.; VASIL'YEVA, G.A.

Catalytic oxidation of diacetone-L-sorbose in diacetone-2-keto-  
L-gulonic acid with atmospheric oxygen. Trudy VNIVI 8:13-22  
'61. (MIRA 14:9)

(Sorbose) (Gulonic acid)



RYUMINA, T. F.

"Changes in the Higher Nervous Activity of Dogs During Experimental Tuberculosis." Cand Med Sci, Molotov State Medical Inst, Molotov, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

Card 1/1 Pub. 154-6/18

Author : Ryumina, T. F.

Title : ~~Changes in unconditioned and naturally conditioned reflexes in dogs~~  
Changes in unconditioned and naturally conditioned reflexes in dogs  
experimentally infected with tuberculosis.

Periodical : Zhur. vys. nerv. deyat., 5, 45-54, Jan/Feb 1955

Abstract : Experiments were conducted on dogs to find out how unconditioned reflex activity and conditioned reflex activity become modified after the dogs become infected with tuberculosis. Abatement of natural conditioned and unconditioned reflexes, recession in motor reaction and alimentary secretion, and a decrease in the time required for natural conditioned reflex to become extinct was noted in the majority of dogs experimentally infected with tuberculosis. A decrease in time required for natural conditioned reflex to become extinct must be looked upon as the outcome of the cumulative action of the inhibition which is becoming extinct and protective inhibition occurring in the cerebral cortex in response to effects of tuberculosis. Six tables. Twenty Soviet references.

Institution: Chairman of Pathologic Physiology, Molotov Medical Institute.

Submitted : December 15, 1952

RYUMINA, G.A., kandidat sel'skokhozyaystvennykh nauk.

Features of the cultivation of monoecious hemp. Dokl. Akad. sel'-  
khoz. 22 no.7:30-34 '57. (MIRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh  
kul'tur. Predstavleno akademikom I.V. Yakushkinym.  
(Hemp)

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

5192. RYUMINA T. F. Med. Inst., Molotoff. \*Some changes in higher nervous activity during acute experimental tuberculosis in dogs Z. VYŠC. NERV. DE JATEL. 1955, 5/4 (529-536) (Russian text)

Whereas the effects of toxic substances (acetone, petrol fumes, carbon monoxide, bromide, caffeine, strychnine etc.) on higher nervous activity are well known, only a few investigators (Ivanov-Smolensky, Gorschleva, Kotliarevsky and Karpenko and Khozak) have studied the effects of infections in this respect. The present author used the salivary secretion method of Pavlov to study conditioned and unconditioned reflexes in 4 dogs infected with Myco. tuberculosis cultures (1 mg./kg. i. v.). This produced acute disease in 3 dogs and acute passing to chronic in the 4th. The first day after the inoculation the intensity of conditioned reflexes was reduced, especially the response to weak stimuli ('narcotic' stage). On the 5th to 8th day the 'hypnotic' stage was established, in which the effects of weak and moderate stimuli were equal. From the 9th to 14th day the conditioned reflexes disappeared completely. In some cases an ultraparadoxical stage appeared later. A finding common to all cases was the appearance of irradiating cortical inhibition, in addition to the above-mentioned 'hypnotic' stages, demonstrating the existence of transliminal inhibition in the cerebral cortex, this resulting from the infection which acted as an abnormal stimulus exceeding the limits of functional capacity of the cortical cells. The hypnotic stages are regarded as the result of a protective inhibition. The intensification of the subsequent inhibition in all cases after the application of differentiations is interpreted as a sign of diffusion of the active inhibition. With the development of transliminal cortical inhibition there was a modification of the intensity and character of the unconditioned reflexes; this differed in the individual dogs and was evidenced by a shortening of

5192

CONT

the salivation time and a refusal of the usual food (but not of other, more tasty food). In the dog which passed from the acute to the chronic stage, the conditioned reflex activity was restored in the course of the clinical compensation of the tuberculous process.

Gavrilov - Tucuman

RYUMINA, T.F.

Influence of pthivazide on the secretory function of the stomach  
in normal and tuberculous dogs. Probl.tub. no.8:91-94 '61.  
(MIRA 15:5)

1. Iz kafedry patologicheskoy fiziologii (zav. - dotsent R.B.  
TSynkalovskiy) Permskogo meditsinskogo instituta.  
(STOMACH--SECRETIONS) (TUBERCULOSIS) (PHTHIVAZIDE)

RYUIMAW

APPROVED FOR RELEASE: Thursday, September 25, 2003 FILE# 105-20513R00148510017-2  
APPROVED FOR RELEASE: Thursday, September 25, 2003 FILE# 105-20513R00148510017-2

Med  
✓ The effect of denervation on the intensity of oxidative processes in white and red muscles. (F. S. Sheres and V. A. Ryumin. *Biokhimiya* 31: 385-8(1956).) Unilateral neurectomies were performed on rabbits at the level of the upper third of the femur. The muscles on the unoperated side were used as controls. At different time intervals after the operation animals were decapitated, the gastrocnemius and the soleus muscles were dissected out, freed from tendon and fascia and comminuted. Muscle oxidation was studied by the Warburg method. O consumption by the denervated white muscle (gastrocnemius) is increased and of the red muscle (soleus) is decreased. The same is true of the activity of pyrophosphatase. The glutathione of the white muscle is decreased and is unchanged in the red muscle. Catalase activity following denervation is considerably increased in both types of muscles, but to a much greater extent in the white muscle. It is concluded that the maintenance of the metabolic levels of muscles is a neuro-function.  
B. S. Levine

2

RYUMINA, V.I.

"Effect of Acidosis and Alkalosis on the Soporific Action of Medinal,"

Farmakol. i Toksikol., 5, No. 3, 1942.

Mbr., Chair Pharmacology, Omsk, Medical Inst., -1942-.



RYUMINA, V.I.; SEREBRENNIKOVA, I.A.; KLEYTMAN, Ye.I.

Blood glycolysis in forms of experimental hemolytic anemia caused by  
dyes. Trudy Vses. ob-va fiziol., biokhim. i farm. 3:95-99 '56  
(MLRA 10:4)

1. Kafedra biokhimii (zaveduyushchiy kafedroy professor L.D. Kashevnik)  
i kafedra patofiziologii (zaveduyushchiy kafedroy professor D.I.  
Gol'dberg) Tomskogo meditsinskogo instituta im. V.M. Molotova. Tomsk.  
(DYES AND DYING--TOXICOLOGY) (ANEMIA) (GLYCOLYSIS)

KYUN

APPROVED FOR RELEASE Thursday, September 10, 2003

Protein metabolism and oxidative processes in denervated muscles of hypothyroid animals. G. S. Shvets, S. P. Epelbaum, and V. I. Rumina *Biokhimiya*, 1958, 21, 71-77 (Chair of Biochem. Med. Inst., Molotov, U.S.S.R.).—Rabbits were fed 6-methyl thioaracil (6-MTU) for 30 days before the sciatic nerve was cut and the gastrocnemius muscle examined. Muscular atrophy was less severe in hypothyroid animals than in the normal control rabbits, and the incorporation of methionine into proteins was reduced. Denervation of 6-MTU treated animals reduces the rate of oxygen uptake by muscles but the activity of proteolytic processes increases. There is also a slight increase in the pyrophosphatase activity. Denervation of normal rabbits leads to increased rate of incorporation of methionine into proteins, an increase in respiration and an increase in pyrophosphatase activity. (Russian)

A. K. GRAYDOVERI

Med

RYUMINA, V

1968. Effect of denervation on intensity of oxidative processes in white and red muscles. G. S. Shvets and V. I. Ryumina. Dokl. Akad. Nauk SSSR, 21: 381-383 (1968). (Chair of Biochem., Moscow Univ., U.S.S.R.). - Leg muscles were denervated in rabbits by nerve section in the upper third of the thigh. O<sub>2</sub> uptake and pyrophosphatase activity were raised in the denervated gastrocnemius (white) but lowered in the soleus (red) as compared with corresponding normal muscles. After denervation the content of reduced glutathione was increased in the gastrocnemius and unchanged in the soleus. The catalase activity was increased in both muscles, but less in the red. The general effect of denervation is to shift the muscle metabolism more towards the "red" type. (Russian) T. R. PARSONS

Ryuminina,

The effect of denervation on the intensity of oxidative  
processes in white and red muscles. G. S. Sheva and V. I.  
Ryuminina. *Biochemistry (U.S.S.R.)* 21, 380-92(1958) (Eng-  
lish translation).—See C.A. 50, 17069c. B. M. R. 2

CHERNOMIR, G. I.; MARCHENKO, Ye. A.; BASHENIN, V. I.; SAMOYLOV, G. Ye.

Affect of insulin on the metabolism in animals with experimental  
hypothyroidism. Vop. med. zool. 7 no. 8:603-610 N D 763.

(MIRA 17:110)

1. Kafedra biokhimi i Parnskogo meditsinskogo instituta.

RYUMIN, Georgiy Mikhailovich; GAL'PERSON, Ye.B., red.; GANINA, L.V.,  
tekh.n.red.

[Means of lowering the costs of petroleum refining as exemplified  
by Azerbaijan] Rezervy snizhenia sebestoimosti v neftepererabotke;  
na primere Azerbaidzhana. Moskva, Gos.nauchno-tekhn.izd-vo نفت.  
i gorno-toplivnoi lit-ry, 1960. 35 p. (MIRA 13:9)  
(Petroleum---Refining)



RYUMKIN, Ya.

Visiting Mikhail Sholokhov in the Veshenskaya Stanitsa. Sov.  
foto 20 no. 12:12-13 D '60. (MIRA 14:1)

1. Fotokorrespondent zhurnala "Ogonek."  
(Sholokhov, Mikhail Aleksandrovich, 1905-)



44912  
S/870/62/000/000/001/001  
D243/D307

27000

AUTHOR: Ryumina, Ye.N.

TITLE: The influence of additional irritants of a non-radioactive nature on the effects of small doses of internal radiation

SOURCE: Reaktsii organizma na deystviye malykh doz ion-iziruyushchey radiatsii. Ed. by M.G. Durmish'yan and A.V. Lebedinskiy. Moscow, Medgiz, 1962, 177-186

TEXT: The object of the present work was to study the effect on peripheral blood morphology of small doses of Na<sup>24</sup> in association with additional non-radioactive irritants. 2.5-3 kg male rabbits received Na<sup>24</sup> perorally in 0.25 mcuries/3kg body weight doses, peripheral blood being examined several times before and after the experiment. After giving Na<sup>24</sup>, the animal was bled to an extent of 0.5% or 1% of body weight, or was given orally a phosphorus-containing substance in amounts calculated at 150, 50 and 25 g/kg weight of animal. The effects of Na<sup>24</sup> administration agreed with reported re-

Card 1/2

The influence of additional ...

S/870/62/000/000/001/001  
D243/D307

sults. The 0.5% bleeding induced no additional changes when associated with  $\text{Na}^{24}$ . Combination of 1% bleeding and  $\text{Na}^{24}$  temporarily lowered hemoglobin by 15%, and the erythrocyte count by 1 million. A considerable reduction of the leucocyte count was shown to be induced by 1 mcurie and higher  $\text{Na}^{24}$  doses. The phosphorus-containing substance alone did not affect the blood characteristics but shortened the latent period of the  $\text{Na}^{24}$  reaction and enhanced the effect of threshold doses of  $\text{Na}^{24}$ . It is proposed that the laws of N.Ye. Vvedenskiy, I.P. Pavlov and A.D. Speranskiy be extended to phenomena associated with the combined effect of radioactive and other factors of the medium. There are 3 figures.

ASSOCIATION: Laboratoriya radiobiologii Moskovskogo nauchno-  
issledovatel'skogo instituta gigiyeny imeni F.F.  
Erismana (Laboratory of Radiobiology of the Moscow  
Scientific-Research Institute of Hygiene im. F.F.  
Erisman)

Card 2/2

MALOV, G.A.; RYUMINA, Ye.H.

Use of Cr<sup>51</sup> for labelling erythrocytes. Med. rad. 9 no.3:47-51 Mr '64.  
(MIRA 17:12)

1. Laboratoriya klinicheskoy fiziologii (zav. - prof. A.G.Bukhtiyarov)  
Instituta serdechno-sosudistoy khirurgii AMN SSSR.

RYUMINA, Ye.N.

Effect of nonradioactive additional stimuli on the effect of small  
doses of internal irradiation. Fiziol.zhur. 46 no.8:1010-1015 Ag  
'60.. (MIRA 13:8)

1. From the radiobiological laboratory, Kriksman Research Institute  
of Sanitation and Hygienics, Moscow.  
(RADIATION—PHYSIOLOGICAL EFFECT) (BLOODLETING)  
(CHEMICALS—PHYSIOLOGICAL EFFECT)

RYUMKIN, Yakov

Only about photographs. Sov. foto 23 no.4:22-24 Ap '63.  
(MIRA 16:5)

(Riumkin, Iakov, 1913-)

RYUMKINA, K.

Indifference is a bad assistant. Okhr.truda i sots.strakh.  
3 no.4:55-56 Ap '50. (MIRA 13:6)

1. Doverennyy vrach Kuybyshevskogo oblsoprofa.  
(Kuybyshev--Construction industry--Hygienic aspects)

**RYUMSHIN, G.I.; POPOV, M.A.**

Three cases of fracture of the odontoid process of the second cervical vertebra. Ortop., travm. i protez. 20 no. 12:52-53 D  
'59. (MIRA 13:5)

1. Iz kafedry khirurgii dlya usovershenstvovaniya vrachey No. 2  
(nach. - prof. I.D. Zhitnyuk) Voenno-meditsinskoy akademii imeni  
S.M. Kirova.  
(ATLAS AND AXIS fracture & dislocation)

MASLAK, M.F. (Dnepropetrovsk); RYUMSHIN, N.A., inzh. (Dnepropetrovsk)

Automation of welding operations. Zhel.dor.transp. 45 no.10:  
67-69 0 '63. (MIRA 16:11)

1. Nachal'nik Dnepropetrovskogo parovozoremontnogo zavoda (for  
Maslak).



CHURSIN, V.M.; RYUMSHIN, V.M.

Surface tension of copper alloys. Izv.vys.ucheb.zav.; tsvet.;  
met. 2 no.4:118-124 '59. (MIRA 13:1)

1. Moskovskiy institut tsvetnykh metallov i zolota. Kafedra  
liteynogo proizvodstva.  
(Copper alloys) (Surface tension)

RYUMINSKAYA, R. N., Cand Med Sci -- (USSR) "Phototypes of dysentery

bacteria." Leningrad, 1957, 18 pp (Leningrad Sanitorium-Hygiene  
Medical Institute. Vologod Scientific Research Institute of Epidemiology  
and Microbiology. Tallinn Scientific Research Institute of Epidemiology,  
Microbiology and Hygiene), 200 copies (KL, 36-57, 108)

RYUMSHIN, G.

Storage Batteries

Reconditioning of the BS-G-70 battery with broken lead. Radio no. 8, 1952.

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

RYUMSHIN, G.I., kapitan meditsinskoy sluzhby

Gramicidin S for treating the surgeon's hands. Voen.-med. zhur.  
no.9:57-58 S '55. (MLRA 9:9)  
(GRAMICIDIN) (SURGERY, ASEPTIC AND ANTISEPTIC)

USSR / General Problems of Pathology. Tumors. U  
Comparative Oncology. Human Tumors.

Abstr Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13660

Author : Ryumshin, G. I.; Rakitin, Ya. A.

Inst : -

Title : A Rare Case of Malignant Tumor of an Accessory  
Mammary Gland in a Man.

Orig Pub : Vopr. onkologii, 1957, 3, No. 3, 358-359

Abstract : No abstract

Card 1/1

Injuries of the menisci of the knee joint. Ortop. travm.i protez.  
22 no.1:23-29 Ja '61. (MIRA 14:5)

1. Iz kafedry khirurgii dlya usovershenstvovaniya vrachey No.2  
(nachal'nik - prof. I.D.Zhitnyuk) Voenno-meditsinskoy ordena  
Lenina akademii imeni S.M.Kirova.  
(KNEE--WOUNDS AND INJURIES)

RAKITIN, Ya.A.; RYUMSHIN, G.I. (Leningrad, per. Kakhovskogo, d.5, kv. 25)

Rare complications in appendicitis not treated by surgery. Vest.  
khir. 80 no.2:116-117 F '58. (MIRA 11:3)  
(APPENDICITIS, compl.  
in non-operated cases (Rus)

RYUMSHIN, G.I.

RYUMSHIN, G.I. (Leningrad, 57, per. Kakhovskogo, d.5, kv. 25); ROKITIN, Ya.A.

Rare case of malignant tumor of an accessory mammary gland in a man  
[with summary in English]. Vop.onk. 3 no.3:358-359 '57. (MLRA 10:8)

1. Iz kafedry 2-y gosptal'noy khirurgii Voenno-morskoy meditsinskoy akademii (nach. kafedry - prof. I.D.Zhitnyuk)  
(BREAST NEOPLASMS, case reports  
malignant accessory mammary gland tumor in man (Rus))



"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446510017-2  
CIA-RDP86-00513R001446510017-2"

RYUMSHIN, G. I.

"Preparation of Surgeon's Hands by Gramicidine C," Voyenno-Med. Zhur., p. 57,  
No. 9, 1955.

Q-5

USSR/Farm Animals. Domestic Fowls

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35758

Author : Grigor'yev F.M. Ryumshin N.M.

Inst : Not Given

Title : On Certain Changes in the Behavior of Hens under Altered  
Schedule of the Working Day (O nekotorykh izmeneniyekh v  
povedonii kur pri izmenennom rasporyakde rabochego dne)

Orig Pub : Tr. Novosib. s.-kh. in-ta, 11, 269-277

Abstract : In 1953, beginning from mid-February, the night feeding of  
hens was carried out in two kolkhozes of the Chkalov Oblast'.  
Without augmenting the standard rations, the lighting of the  
poultry house during night feeding increased the laying out-  
put from 772 eggs to 1,100 in February and 4,743 eggs in  
March. At the educational experimental aviary, in 1954-1955,  
a two-interval day schedule was introduced. The feed rations  
were complete and variegated. At 11 p.m., the poultry house  
was lighted with electric bulbs, and feed and water were  
supplied. The average egg production per laying hen was 29

Cerd : 1/2



CA RYUMSHIN, P.

The nature of basic salts. Basic bismuth salts of *n*-phenylbutyric acid. M. Ya. Kraft and P. F. Ryumshin. Doklady Akad. Nauk S.S.S.R. 68, 705-8(1949).--The

often assumed but never yet experimentally substantiated polymeric structure of basic salts was tested on Bi salts of *n*-phenylbutyric acid (I) which can be prepd. with varying Bi contents and are sol. in several org. solvents; this solv. permits detns. of the mol. wt. and the viscosity. Four hrs. heating on a water bath of 20 g. I, 50 ml. C<sub>6</sub>H<sub>6</sub> (or PhMe), 1 ml. H<sub>2</sub>O, and 20, 30, or 40 g. Bi<sub>2</sub>O<sub>3</sub> (freshly pptd., not dried), followed by distn. of the major part of the solvent, and final drying in a vacuum desiccator, yielded solid basic salts, in the form of powders, contg. 44.5, 50.0, or 60.4% Bi, resp., as compared with the 30.0% Bi content of the normal salt BiA<sub>3</sub>. Any of these basic salts, dissolved in C<sub>6</sub>H<sub>6</sub> (1.5 ml. per g. of salt), boiled 2 hrs. with MeOH (1 ml./g.), then poured into a 4-fold vol. of cold MeOH, gives a ppt. which on drying at 60° contains 61% Bi. If this operation is carried out with a basic salt contg. not less than 60% Bi, and in the presence of 0.3 ml. Et<sub>3</sub>NH/g. salt, the product is a still more highly basic salt with 69-67% Bi. All these salts are easily sol. in C<sub>6</sub>H<sub>6</sub>, PhMe, Et<sub>2</sub>O, C<sub>4</sub>H<sub>10</sub>, and C<sub>2</sub>H<sub>5</sub>Br, and insol. in H<sub>2</sub>O and in aces. Salts with over 60% Bi are sol. in petr. ether. An indication of the polymer nature of the more highly basic salts (over 50% Bi) is the formation of a lacquer-like, glassy, film on quiet evapn. of a soln. The formulation  $[nBi(OBiA)_2(OBiA)]_x$  is applicable to basic salts contg. from 38.5% ( $x = 0$ ) to 53.87% Bi ( $x = \infty$ ), and

leads to a relation between the mol. wt. *M* and the Bi content,  $M = 17588/(53.87 - \%Bi)$ . This formula was confirmed by cryoscopic detns. in C<sub>6</sub>H<sub>6</sub> soln., of *M* of salts with 44.5-60.7% Bi. For the neutral salt, cryoscopy gives a mol. wt. corresponding to Bi<sub>2</sub>A<sub>3</sub>. Basic salts with 53-47% Bi give only a very slight f.-p. depression; salts with 65% Bi give none in C<sub>6</sub>H<sub>6</sub>, C<sub>4</sub>H<sub>10</sub>, and dioxane. The formulation  $[Bi(OBiA)_2(OBiA)]_x$  is consistent with the exptl. detn. of OH groups (in the salt with 65.98% Bi), but is not borne out by detns. of the viscosity in C<sub>6</sub>H<sub>6</sub> soln., which is very small and does not follow Staudinger's law. The independence of the viscosity of dil. solns. of the dispersity indicates that the mois. are spherical, not threadlike. Analogous basic salts of Al show a very high viscosity in 0.5% C<sub>6</sub>H<sub>6</sub> solns. The abnormally low viscosity of the highly basic Bi salts is evidently linked with the high at. wt. of Bi.

N. Thon

SOURCE CODE: UR/0276/65/000/011/G016/G016

ACC NR: AR6013851

(A, N)

AUTHORS: Lovtsov, D. P.; Ryumshin, V. M.; Spasskiy, A. G.

46  
B

TITLE: The influence of the purity of metals on the structure of silumin

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 11G132

REF SOURCE: Sb. Lit'ye i obrabotka splavov chern. i tsvetn. met. Krasnoyarsk, 1965, 43-45

TOPIC TAGS: metal crystallization, metal heat treatment, silumin, metal property, alloy

ABSTRACT: The theory stating that modified structure of silumin may be obtained without the introduction of modifying admixtures is reiterated. This theory proposes that such a modified structure will result from superheating the melt at above 900-1000C and subjecting it to rapid crystallization. It is noted that even small concentrations of admixtures may basically alter the microstructure of the alloy and, consequently, its mechanical and physical properties. 4 illustrations. Bibliography of 4 titles. [Translation of abstract/

silicon 27  
aluminum 27

SUB CODE: 11

UDC: 621.745:669.715

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621.918.13 [337,326 + 558.22] 029.6 1522

Ferrites with Low Losses at U.H.F.

R. G. Mirmanov, L. G. Lomize & N. V. Ryumshina (Rashchbka: I. Elektronika, May 1956, Vol. 1, No. 5, pp. 68-69.) A brief note on ferrites containing some, or all, of the following: FeO, MgO, MnO and calcium titanate. The loss tangent,  $\tan \delta$ , is about  $10^{-3}$ . In the 3-cm band,  $\mu$  varies between about 0.4 and 0.9 for the different ferrites and  $\epsilon$  between 6.9 and 38.

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TSVETKOV, V.N.; SHTENNIKOVA, I.N.; RYUMTSEV, Ye.I.; OKHRIMENKO, G.I.

Flow birefringence and optical anisotropy of poly- $\gamma$ -benzyl L-  
glutamate molecules in solution. Vysshem. sced. 7 no.6:1104-1110  
Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

TSVETKOV, V.N.; SHTENNIKOVA, I.N.; RYUMTSEV, Ye.I.; SKAZKA, V.S.

Birefringence in an electric field, rotatory diffusion, and dipole moments of poly- $\gamma$ -benzyl glutamate molecules in solution. Vysokom. sced. 7 no.6:1111-1116 Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.



PENKOV, S.N.; RYUMTSEV, Ye.I.

Birefringence of polystyrene solution in  $\text{CCl}_4$  near the inversion point.  
Vysokom.soed. 6 no.2:364 F '64. (MIRA 17:2)

USSR / General Biology. General Histology.

B-3

Abs Jour: Ref Zhur-Biol., No 18, 1958, 80982.

Author : ~~Ryumantseva, O. N.~~  
Inst : Not given.  
Title : Investigation of the Innervation of Annular  
Myofibrils.

Orig Pub: Dokl. AN SSSR, 1957, 116, No 3, 504-507.

Abstract: A 90° turn of the gastrocnemius muscle of a guinea pig or a rat and the sewing it up in such position to the adjacent tissues induce the formation of special annular myofibrils (AM) in its muscular fibers. In a month, after the operation, there appeared a marked increase of two to three times the number of Schwann's nuclei of the motor plates of the fibers with AM. There are signs of growth of

Card 1/2

RYUNDAL, L.YA.

USSR/Chemical Technology - Chemical Products and Their  
Application. Treatment of solid mineral fuels

I-12

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12855

Author : Ryundal L.Ya.

Inst : Tallin Polytechnic Institute

Title : Chromatographic Adsorption Analysis of Shale Gasoline  
from a Revolving Retort

Orig Pub : Tr. Tallinsk. politekhn. in-ta, 1954, No 52, Ser. A,  
1-28

Abstract : No abstract.

RYUNDAL, L. Ya.

RYUNDAL, L. Ya.: "Investigation of the chemical composition and physicochemical properties of gasoline from 'kukersit' shale." Min Higher Education. Tallin Polytechnic Inst. Tallin, 1956. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCE).

So.: Knizhnaya letopis', No. 25, 1956.

*Ryumin*  
RYUMIN, S.

Budget of the Chinese People's Republic in the service of socialist  
construction. Fin.SSSR 18 no.11:73-81 N '57. (MIRA 10:12)  
(China--Budget)

OLEKMINSKIY, S.; RYUMIN, S.

Reduction of enterprise losses creates a reserve for the in-  
crease of accumulations. Fin.SSSR 20 no.12:12-20 D '59.  
(MIRA 12:12)

(Efficiency, Industrial) (Finance)

MAIAKHOV, N.; RYUMIN, S.

Analysis of reports and balances is an important means for the  
mobilization of hidden potentialities and increase of accumulat-  
ions. Fin. SSSR. 22 no. 2:9-15 F '61. (MIRA 14:2)  
(Finance)

**RYUMIN, S.**

How to compute the director's fund on the basis of the 1953  
annual reports. Fin. i kred. SSSR no. 3:72-75 Mr '54. (MLRA 7:4)  
(Finance)



USATOV, Ivan Andreyevich; RYUMIN, S., otv. red.; KONDRAT'YEVA, A., red.  
izd-va; TELEGINA, T., tekhn. red.

[Planning the turnover funds of an industrial enterprise] Pla-  
nirovanie oborotnykh sredstv promyshlennogo predpriatia. Mo-  
skva, Gosfinizdat, 1961. 81 p. (MIRA 14:10)  
(Capital)

OLEKMINSKIY, S.; RYUMIN, S.

Potentials for increasing accumulations in industry. Fin. SSSR  
23 no.7:33-40 J1 '62. (MIRA 15:7)  
(Industrial management) (Capital)

MALAKHOV, N.; RYUMIN, S.

Main trends in the analysis of reports and balances for 1962.  
Fin.SSSR 37 no.2:16-24 F '63. (MIRA 16:2)  
(Auditing and inspection) (Industrial management)

KAPUSTIN, Ye.I., kand.ekon.nauk; LAVROV, V.V.; RYUMIN, S.M.; KONSTANTINOV,  
Yu.A.; PRAVDIN, D.I., kand.ekon.nauk; KIRILLOVA, N.I.; RIMASHEVSKAYA,  
N.M.; ANTROPOV, B.F.; RYABKOV, F.S.; POPOV, G.A.; DEM'YANOVA, V.A.;  
SMOLYAR, I.M.; ACHARKAN, V.A., kand. yurid.nauk; BRONER, D.L.;  
SHEPTUN, Ye.V.; KRYAZHEV, V.G.; ALESHINA, F.Yu., kand. ekon. nauk;  
KUZNETSOVA, N.P.; MARKOVICH, M.B.; BIBIK, L.F.; BUDARINA, V., red.;  
GRIGOR'YEVA, I., mladshiy red.; CHEPELEVA, O., tekhn. red.

[Public consumption funds and improving the welfare of the people in  
the U.S.S.R.] Obshchestvennye fondy i rost blagosostoiania naroda v  
SSSR. Moskva, Sotsekgiz, 1962. 222 p. (MIRA 15:6)  
(Cost and standard of living)

RYUMIN, S.

Financing and issuing credit for capital investments in the member  
countries of the Mutual Economic Assistance Council. Fin. SSSR 38 no.1:  
88-92 Ja '64. (MIRA 17:2)

IKONNIKOV, V.V., prof.; VASIL'YEV, P.G., ,and, ekon.nauk; LAVROV,  
V.V., prof.; RYUMIN, S.M.; KOLYCHEV, L.I., kand. ekon.  
nauk; SAMOYLOV, V.K.; IYSKOVICH, A.A.; KOLOMIN, Ye.V.,  
kand. ekon. nauk; MITEL'MAN, Ye.L., kand. ekon. nauk;  
BEL'KINA, R.K., kand. ekon. nauk; SHTEYNHLEYGER, S.B.,  
kand. ekon. nauk; ROTLEYDER, A.Ya., kand. ekon. nauk;  
POGODIN, Yu., red.; TELEGINA, T., tekhn. red.

[Finance and credit in the U.S.S.R.] Finansy i kredit SSSR.  
Moskva, Izd-vo "Finansy," 1964. 447 p. (MIRA 17:3)

ALLAKHVERDYAN, D.A., prof., red.; RYUMIN, S.M., red.; SHER, I.D.,  
prof., red.; BUNICH, P.G., prof., red.; VINOKUR, R.D.,  
dots., red.; BOROZDIN, B., red. izd-va; LEBEDEV, A.,  
tekh. red.

[Problems of financial planning] Problemy finansovogo pla-  
nirovaniia; sbornik statei. Moskva, Gosfinizdat, 1963. 141 p.  
(MIRA 16:12)

1. Moscow. Finansovyy institut. 2. Moskovskiy finansovyy  
institut (for Allakhverdyan, Sher, Vinokur). 3. Zamestitel'  
direktora Nauchno-issledovatel'skogo finansovogo instituta  
(for Ryumin). 4. Nauchno-issledovatel'skiy finansovyy in-  
stitut (for Bunich). (Finance)

GUBIN, B.V., red.; RYUMIN, S.M., red.

[Problems in economizing materials in construction work] Voprosy ekonomii materialov v stroitel'stve; sbornik. Moskva, Gosfinizdat, 1958. 170 p. (MIRA 13:8)

1. Moscow. Nauchno-issledovatel'skiy finansovyy institut. (Construction industry--Costs)



RYUMIN  
BUNICH, P.G., kand.ekon.nauk, starshiy nauchnyy sotrudnik; PAKHOMOV, A.M.,  
kand.ekon.nauk, starshiy nauchnyy sotrudnik; BUDAVEY, V.Yu., nauchnyy  
sotrudnik; IVANOV, Ye.A., nauchnyy sotrudnik; KIRILLOV, I.A., prof.,  
doktor ekon.nauk; KOVALEVA, A.M., kand.ekon.nauk; SAFRAY, G.Ye.,  
kand.ekon.nauk; YAKOBSON, M.O., prof., doktor tekhn.nauk; GOGITISHVILI,  
R.N., inzh.; KHABUR, B.P.; BROYDE, I.M.; FILATOV, N.I.; BLAZHEY,  
Zdenko, doktor, ekonomist (Chekhoslovatskaya Respublika); NESHVER,  
Vatslav, inzh., ekonomist (Chekhoslovatskaya Respublika); RYUMIN, S.M.,  
red.; ZAVERNYAYEVA, L., red.izd-va; LEBEDEV, A., tekhn.red.

[Planning and financing of major repairs on fixed assets] Planiro-  
vanie i finansirovanie kapital'nogo remonta osnovnykh fondov.  
Moskva, Gosfinizdat, 1958. 223 p.

(MIRA 12:2)

(Continued on next card)

BUNICH, P.G.---(Continued) Card 2.

1. Moscow. Nauchno-issledovatel'skiy finansovyy institut. 2. Nauchno-issledovatel'skiy finansovyy institut (for Bunich, Pakhomov). 3. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosplana SSSR (for Ivanov). 4. Moskovskiy inzhenerno-ekonomicheskiy institut im. S. Ordzhonikidze (for Safray). 5. Eksperimental'nyy nauchno-issledovatel'skiy institut metallovezhushchikh stankov (for Gogitishvili). 6. Zamestitel' direktora Tsentral'nogo nauchno-issledovatel'skogo instituta morskogo flota (for Khabur). 7. Nachal'nik finansovogo otdela sovnarkhoza Tatarskoy ASSR (for Broyde). 8. Ekspert Ministerstva finansov SSSR (for Filatov). 9. Investitsionnyy bank (for Blazhey). 10. Tekhniko-organizatsionnyy nauchno-issledovatel'nyy institut mashinostroyeniya (for Neshver).

(Industry--Finance)

BELKINA, Revekka Konstantinovna; RYUMIN, S.M., otv. red.; NADEZHDINA, A.,  
red. izd-va; TELEGINA, T., tekhn. red.

[Working capital of contracting construction organizations] Obo-  
rotnye sredstva podriadnykh stroitel'nykh organizatsii. Moskva,  
Gosfinizdat, 1962. 186 p. (MIRA 15:12)  
(Construction industry—Finance)

USATOV, I.A., kand.ekonom.nauk, starshiy nauchnyy sotrudnik, obshchiy red.; BACHURIN, A.V., otshchiy red.; RYUMIN, S.M., obshchiy red.; ROSHCHINA, L., red.; TOLYPINA, O., red.; LEBEDEV, A., tekhn.red.

[Financial planning in industry and building] Finansovoo planirovanie v promyshlennosti i stroitel'stve. Moskva, Gosfinizdat, 1959. 181 p. (MIRA 12:9)

1. Moscow. Nauchno-issledovatel'skiy finansovyi institut.
2. Nauchno-issledovatel'skiy finansovyy institut Ministerstva finansov SSSR (for Usatov).

(Finance)

ARTEMOV, Yu.M., kand. ekonom. nauk; GAL'PERIN, N.S., kand. ekon. nauk; GUBIN, B.V., kand. ekon. nauk; ZHUKOV, V.N., kand. ekon. nauk; OCHKOV, M.S., kand. ekon. nauk; OSKORDOV, V.P., starshiy ekonomist; BARGOL'STS, S.B., dotsent, kand. ekon. nauk; SIBIRYAKOV, L.Ye.; IVANOV, N.N.; RABINOVICH, M.A., ekspert; LIPSITS, V.B., kand. ekon. nauk; VOLKOV, S.I., kand. ekon. nauk; KOROLEVA, Ye.P., aspirantka; RYUMIN, S.M., red.; SUBBOTINA, K., red.; TELEGINA, T., tekhn. red.

[Planning and calculating the cost of industrial production] Voprosy planirovaniia i kal'kulirovaniia sebesteimosti promyshlennoi produktsii. Moskva, Gosfinizdat, 1961. 183 p. (MIRA 14:8)

1. Moscow. Nauchno-issledovatel'skiy finansovyy institut. 2. Sotrudniki Nauchno-issledovatel'skogo finansovogo instituta (for Artemov, Gal'perin, Gubin, Zhukov, Ochkov, Oskordov). 3. Vsesoyuznyy zaachnyy finansovo-ekonom. institut (for Bargol'ts). 4. Glavnyy bukhgalter Moskovskogo elektrozavoda (for Sibiryakov). 5. Starshiy konsul'tant Upravleniya bukhgalterskogo ucheta Ministerstva finansov SSSR (for Ivanov, Rabinovich). 6. Nachal'nik podotdela obshchikh ekonomicheskikh voprosov tsenoobrazovaniya Byuro tsen pri Gosplane SSSR (Lipsits). 7. Moskovskiy ekonomiko-statisticheskii institut (for Koroleva)

(Costs, Industrial)

YEVSTRATOV, A.; RYUMIN, V.

Cashbox or automatic cash register? Avt.transp. 41 no.10:12-14  
0 '63. (MIRA 16:10)

RYUMIN, V.; SHTUTMAN, F.

Combination semitrailers. Avt.transp. 39 no.4:42 Ap '61.  
(MIRA 14:5)

(Truck trailers)

RYUMIN, V.A.

M-830 combined semitrailer. Mashinostroenie no.1:114-115  
Ja-F '63. (MIRA 16:7)

(Truck trailers)



RYUMIN, Vladislav Ivanovich; MIKHAYLOV, F.A., prof., doktor tekhn.  
nauk, retsenzent; SAMSONOVA, M.T., red.

[Principles of automation and the automation of operations in municipal engineering] Osnovy avtomatiki i avtomatizatsiia protsessov gorodskogo stroitel'stva. Moskva, Vysshaya shkola, 1965. (MIRA 18:3)

RYUMIN, V.N., kand.tekhn.nauk; BENKIN, V.A., inzh.

Automatic control in the production of automobile and tractor  
engine crankshafts. Trakt. i sel'khoz mash. 8:37-40 Ag '58.  
(MIRA 11:8)  
(Tractors--Engines) (Automobiles--Engines) (Automatic control)

RYUMIN, V.N.; BENKIN, V.A.

Automation of the manufacture of camshafts for automobile and tractor engines in the U.S.A. Biul. tekhn.-ekon. inform. no.4: 93-96 '58. (MIRA 11:6)

(United States--Automation)  
(United States--Automobiles--Engines)  
(United States--Tractors--Engines)

RYUMIN, V.N.; BENKIN, V.A.

Automation of the production of tractor-engine valves. Biul.  
tekh.-ekon.inform. no.5:90-92 '58. (MIRA 11:7)  
(Automation) (Valves)

RYUMIN, V.N.; BENKIN, V.A.

Automation of the manufacture of tractor-engine crankshafts.  
Hil. tekhn.-ekon. inform. no.3:93-96 '58. (MIRA 11:6)  
(Automation) (Crank and crankshafts)

~~RYUMIN, V.N.~~, kandidat tekhnicheskikh nauk.

Efficient use of round screw-cutting dies. Vest.mash.34 no.12:  
43-46 D'54. (MLRA 8:2)  
(Screw cutting)

RYUMIN, V.M.

Electric spark technique in the manufacture of hard-alloy thread  
rollers. Stan. 1 instr. 26 no.2:26-27 Fe '55. (MLRA 8:6)  
(Electric spark) (Screw cutting)

RYUMIN, V. N.

USSR/ Engineering - Machine tools

Card 1/1 Pub. 138 - 11/34

Authors : Ryumin, V. N.

Title : The economical use of screw-cutting dies

Periodical : Vest. mash. 12, 43-46, Dec 1954

Abstract : The structure and operation of screw-cutting dies was investigated in order to eliminate some of their defects attributed to erroneous manufacture. Tests performed on 6,000 screw-cutting dies revealed that the erroneous manufacture of these dies accounts for 90% of their defects. Illustration; drawings; diagrams.

Institution : .....

Submitted : .....



Ryumin, V. N.

USSR/ Engineering - Industrial processes

Card 1/1 Pub. 103 - 8/19

Authors : Ryumin, V. N.

Title : Preparation of infusible knurling rollers by the electric spark method

Periodical : Stan. i instr. 2, 26 - 27, Feb 1955

Abstract : The technological possibilities of preparing infusible metal cutting tools (knurlin rollers) by means of the electric spark method are discussed. Research has shown that metal-ceramic solid alloys are the most suitable materials for the manufacture of knurling rollers by means of the electric spark. Best results were obtained with knurling rollers prepared from the T5K10 solid alloy. Other hard alloys, considered suitable for the preparation of knurling rollers are listed. Table; graphs; drawings; illustrations.

Institution: .....

Submitted: .....

RYUMIN, V.P.

Role of the vagus nerve in the cardiogastric reflex. *Biul. eksp. biol. i med.* 48 no.10:17-18 0 '59. (MIRA 13:2)

1. Iz kafedry normal'noy fiziologii (zav. - prof. M.R. Mogendovich) Permskogo meditsinskogo instituta. Predstavlena deystvitel'nyy chlenom AMN SSSR V.V. Parinym.

(VAGUS NERVE physiol.)

(HEART physiol.)

(STOMACH physiol.)

RYIMIN, V. P.

Reflex effects of vibrations from the heart on the stomach [with  
summary in English]. Biul. eksp. biol. i med. 45 no.1:23-26 Ja '58.  
(MIRA 11:4)

1. Iz kafedry normal'noy fiziologii (zav. - prof. M.R. Mogendovich)  
Per'mskogo meditsinskogo instituta. Predstavlena deystvitel'nym  
chlenom AMN SSSR P.S. Kupalovym.

(HEART, physiology,  
eff. of vibratory stimulation on stomach motor funct.  
(Rus))

(STOMACH, physiology,  
eff. of vibratory heart stimulation on motor funct.  
(Rus))

(VIBRATIONS, effects,  
heart stimulation, eff. on stomach motor funct. (Rus))

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70261  
Author : Ryumin, V. P.  
Inst : Molotov Medical Institute  
Title : The Influence of Vibration on the Gastric Secretion of  
the Dog  
Orig Pub : Tr. Molotovsk. Med. In-ta, 1957, No 26, 38-41  
Abstract : No abstract given

✓ 6734. Effect of vibration on the motor activity of the stomach.  
V. P. Rizmin *Sborn nauka Rabot. Medits. Inst.*, 1955, 32—49;  
*Referat. Zh. Biol.*, 1956, Abstr. No. 82978.—Contractions of the  
stomach were recorded by a lever attached near its mid-point in  
bulbar and bulbospinal frogs with opened thoraco-abdominal  
cavities. On exposure to an electric vibrator for 1—2 min. an  
increase of gastric muscular activity was observed in 84% of  
experiments. The least (threshold) time of action of vibration for  
producing a reaction of the gastric musculature was 0.02—2 sec.  
Analogous experiments carried out on a dog with a chronic fistula  
of the region of the greater curvature of the stomach showed that  
vibration in the region of the stomach through the abdominal  
wall stimulated and increased the motor activity of the stomach.  
Vibratory massage is to be recommended in the treatment of  
atonia of stomach and intestine. (Russian) T. R. PARSONS

RYUMIN, V.P.

Influence of vibration on the heart and stomach. Trudy Vses. ob-va  
fiziol., biokhim. i farm. 4:80-84 '58. (MIRA 14:2)

1. Kafedra normal'noy Permskogo gorod'skogo meditsinskogo  
instituta (zav. kafedroy prof. M.R. Mogendovich).  
(VIBRATION—PHYSIOLOGICAL EFFECT) (STOMACH) (HEART)

RYUMIN, V.P.

Reflex effect of chemical stimulation of the heart on the motor  
activity of the stomach. Fiziol. zhur. no. 4:476-479 Ap '60.  
(MIRA 13:10)

1. From the Normal Physiology Chair of the Medical Institute, Perm.  
(HEART—INNERVATION) (STOMACH)

RYUMIN, V.P.

Use of ultrasonic waves in investigating aqueous solutions of  
natural iron-oxide pigments. Zhur.prikl.khim. 35 no.1:56-60  
Ja '62. (MIRA 15:1)

1. Leningradskiy zavod khudozhestvennykh krasok:  
(Pigments) (Ultrasonic waves)



RYUMIN, V. P.

Accelerated precipitation of artificial and natural iron oxide  
pigments. Zhur. VKHO 7 no.5:591 '62. (MIRA 15:10)

(Pigments) (Iron oxides)

RYUMIN, Vladimir

Chemistry made interesting. Pereklav K. Shmyhovs'kyi. 3.vyd. Kharkiv, Molodyi bil' shovyk, 1932. 149 p.

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29897

Author : Ryumina, G.A.

Inst : The Institute for Fiber Crops.

Title : Peculiarities in the Agrotechny of Monoecious Hemp.

Orig Pub : Dokl. VASKhNIL, 1957, No 7, 30-34.

Abstract : Experiments made at the experimental base of the Institute for Fiber Crops have shown that when cultivating the Central Russian type of monoecious hemp for fiber and seed on well prepared filed soils, the best planting method is with continuous rows with a sowing rate of 80 kg. per ha. The density of the stand of stalks should be 3.5-4 million plants per 1 ha. This density may be obtained by planting 80 kg. of germinating seeds with a weight of 1000 seeds being 13.5-14 grams.

Card 1/1

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002  
KOZKO, A.I., inzh.; RYUKINA, A.A.

CIA-RDP86-00513R001446510017-2  
CIA-RDP86-00513R001446510017-2"

Rapid method of determining the ash content in brown coals. Obog. i  
brik. ugl. no. 30:108-113 '63. (MIRA 17:4)

RYUMKINA, K., doverennyy vrach

Earlier shortcomings remained. Okhr.truda i sots.strakh.  
no.2:73 Fe '59. (MIRA 12:4)

1. Oblsovprof. g. Knybyshev.  
(KUYBYSHEV PROVINCE--LABOR AND LABORING CLASSES--MEDICAL CARE)

FOKIN, Ye.P.; RYULINA, A.I.; MATOSHINA, K.I.

Interaction of 2,3-dichloro- and 2-chloro-3-arylamino-1,4-naphtho-  
quinones with piperidine. *Izv. SO AN SSSR no.11 Ser.khim.nauk no.*  
3:127-129 '63. (MIRA 17:3)

1. Novosibirskiy institut organicheskoy khimii Sibirskogo otdeleni-  
ya AN SSSR.

Ryumin, N. A., K. P.

Voprosy stabilizatsii i dinami plazmy. Tuzhkoferentitsii i magnetnoy giproturbulentsii. 2-10 Izdaniya. Moscow, 1979. 160 p. (Problems of Magnetohydrodynamics and Plasma Dynamics. Works of the Conference on Magnetohydrodynamics, Moscow, 2-10 July 1979). Paper 1979, 339 pp.

The majority of the texts of the 55 conference reports and discussions of reports are presented in the source in abridged form. Previously published reports included there as brief abstracts only. The material published here for the first time (abridged and unbridged) are as follows:

"The Role of Magnetohydrodynamics and Plasma Dynamics in Certain Problems of Astrophysics," by D. A. Frank-Kamenetskii, Moscow, pp 7-11

"Magnetohydrodynamics and the Study of Variations of Cosmic Rays," by L. I. Dorman, Moscow, pp 13-24

"Cosmic Ray Spectrum and Their Role in Cosmic Gas Dynamics," by S. I. Gurevich, Moscow, pp 15-48

"The Influence of a Magnetic Field on the Stability of Flow of a Compressible Fluid," by Ye. P. Yulpatov, Moscow, pp 49-56

"Some Problems of the Motion of a Rarefied Plasma in a Magnetic Field," by Ye. P. Terent'skiy, Moscow, pp 59-62

"On Realistic Steady-State Solutions of a Rarefied Plasma in a Magnetic Field," by R. E. Sagdeev, Moscow, pp 63-65

"On One Criterion of Applicability of the Equations of Magnetohydrodynamics to a Plasma," by I. I. Penzlin, Moscow, pp 67-71 (Discussion of the report by R. V. Solov'ev, Saratov, pp 71-72)

"On the Possibility of Accelerating Charged Particles by Means of Shock Waves in Magnetized Plasma," by L. I. Dorman and G. I. Pechman, Moscow and Orel, pp 77-81

"On the Acceleration of Charged Particles During Powerful Isotropic Discharges and During the Collision of Magnetized Clouds," by L. I. Dorman, Moscow, pp 83-88

"The Influence of a Longitudinal Magnetic Field on the Temperature of the Electrons in a Plasma," by N. I. Korotkov, Nalchik, pp 89-92

"Investigation of Certain Characteristics of a Plasma of Xenon and Argon Under a Powerful Shock Wave," by S. R. Kozlov, Moscow, pp 93-103

"Observation of Electrodynamical Constriction of an Arc with the Aid of an Inverse-Optical Converter," by V. L. Zhuravskiy, Ye. P. Terent'skiy, V. I. Skovrlid, and G. G. Maslova, Moscow, pp 107-113

"On the Interaction of Weak Perturbations with Discontinuities and the Stability of Shock Waves in Magnetohydrodynamics," by V. M. Kozlovskiy, Saratov, pp 117-125

"On the Stability of Shock Waves in Magnetohydrodynamics," by S. I. Zhuravskiy, Moscow, pp 127-131

"On the Scattering of Electromagnetic Waves on Turbulent Fluctuations," by A. G. Sitenko and V. A. Kirovskiy, Saratov, pp 143-146

"On the Dispersion of Magnetohydrodynamic Waves in a Plasma," by R. E. Sagdeev, Moscow, pp 147-149

"Single Waves in Magnetohydrodynamics," by A. I. Akhmediev, G. Ya. Imshantsev, and R. V. Polovin, Saratov, pp 151-157

"Two-dimensional Problems of Magnetohydrodynamics," by G. S. Golitsyn, Moscow, pp 161-165

"On Wave-Induced Flows in Magnetohydrodynamics," by A. I. Zhuravskiy, Moscow, pp 167-171

"Oscillations of an Infinite Gas Cylinder with Its Own Gravitation in a Magnetic Field," by I. N. Khoroshkova, Moscow, pp 175-183

"On Magnetic Boundary Layers and Electric Current Discharges in Nocting Media," by V. R. Zolotarev, Moscow, pp 185-190

RAYKHSHTAT, G.N.; SHAPIRO, A.A.; KARASEVA, M.F.; LEYKINA, R.F.; RYUMINA, M.G.;  
BERLOVICH, E.A.

Epidemiological effectiveness of intradermal vaccinations with  
live epidemic parotitis vaccine. Zhur.mikrobiol., epid. i immun.  
42 no.10:22-24 0 1965. (MIRA 18:11)

1. Sanitarno-epidemiologicheskaya stantsiya Sverdlovskogo  
rayona Moskvyy. Submitted May 4, 1965.



RAYKHSHTAT, G.N.; SHAPIRO, A.A.; RYUMINA, M.G.; LEYKINA, R.F.; BERLOVICH,  
E.A.; KARASEVA, M.F.

Expansion of the age group of children subject to whooping cough  
vaccination. Vop. okh. mat. i det. 8 no.7:76-78 J1 '63.  
(MIRA 17:2)

1. Iz sanitarno-epidemiologicheskoy stantsii (glavnyy vrach M.  
G. Gilel's) Sverdlovskogo rayona Moskvy.

RAYKHSHTAT, G.N.; SHAPIRO, A.A.; LEYKINA, R.F.; KARASEVA, M.F.; BERLOVICH, E.A.;  
RYUMINA, M.G.; BROKER, T.N.; KUZNETSOVA, N.S.

Epidemiological effectiveness of preventive bacteriophage treatment  
against dysentery in pediatric institutions. Zhur. mikrobiol., epid.  
i immun. 42 no.8:139-141 Ag '65. (MIRA 18:9)

1. Sanitarno-epidemiologicheskaya stantsiya Sverdlovskogo rayona  
Moskvy.

RAYKHSHTAT, G.N.; LEYKINA, R.F.; RYUMINA, M.G.; BERIOVICH, E.A.; KARASEVA, M.F.

Bacteriological examination of children admitted to day nurseries  
as an additional method for early detection of brought-in dysentery.  
Zhur. mikrobiol., epid. i immun. 40 no.9:135 S'63. (MIRA 17:5)

1. Iz Sanitarno-epidemiologicheskoy stantsii Sverdlovskogo  
rayona Moskvyy.

USSR/Human and Animal Physiology. Digestion. Salivary Glands. T-7

Abs Jour: Ref Zhur-Diol., No 12, 1958, 55695.

Author : Bolotov, G.N., Ryumina, T.F.  
Inst : Molotov Institute of Medicine.  
Title : The Methods of Registering Salivary Discharge in  
Dogs.

Orig Pub: Tr. Molotovsk. med. in-ta, 1957, vyp. 26, 66-70.

Abstract: It has been proposed to introduce a device which is constructed along the same basic principles as the water transmission device. The apparatus is simple and convenient to use. Its indicators do not depend on the surrounding environment (temperature and air pressure), and they reflect exactly the volume of

Card : 1/2

RYUMKINA, K., doverennyy vrach.

Under new conditions. Okhr. truda i sots. strakh. no.2:52-53  
Ag '58. (MIRA 12:1)

1. Sovprof, g. Kuybyshev.  
(Kuybyshev Province--Medicine, Industrial)

AUTHORS: Granovskiy, V. L., ~~Rymina, K. P.~~, SOV/56-35-1-5/59  
Savoskin, V. I., Timofeyeva, G. G.

TITLE: Observations of the Pinch Effect During a Decrease of  
Amperage (Nablyudeniya pinch-effekta pri umen'shayushcheysya  
sile toka)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,  
Vol. 35, Nr 1, pp. 45 - 49 (USSR)

ABSTRACT: The influence of the plasma's own magnetic field upon  
the plasma column has already been investigated by various  
authors (Refs 1-5); in some cases this was done in the  
case of increasing amperage (e.g. Ref 4). In the present  
paper the authors describe investigations of plasma deformations  
in the case of decreasing amperage in discharge tubes  
of 10 and 32 mm diameter in hydrogen- or mercury vapor  
at from  $10^{-3}$  to  $10^{-2}$  torr, at current pulses of  $\sim 300$   
microseconds and amplitudes of from 1,3 to 5,5 kA ( $300\mu\text{F}$ ,  
1-3 kV). For photorecording an electron-optical trans-  
former (type PIM-3, developed by M.M. Butlerov) was used.

Card 1/2 Photographs are given of a number of contracted, bent, or

Observations of the Pinch Effect During a Decrease of Amperage SOV/56-35-1-5/59

kinked plasma filaments. It was found that for  $di/dt < 0$  such electrodynamic deformations occur, which vanish again at points of high gas density (i.e. according to experimental conditions near the cathode or near the anode). Exposure in each case lasted 1,5 microseconds. There are 3 figures, 1 table, and 6 references, 2 of which are Soviet.

ASSOCIATION: Vsesoyuznyy elektrotekhnicheskiy institut (All-Union Institute of Electrical Engineering)

SUBMITTED: February 12, 1958

Card 2/2

809/3762

PLAZMA I NOSE REZOLUCIJE

Emisija po magnetnoj girodinamiki. Riga, 1968.  
Voprosy magnetnoj girodinamiki i lineimki plazmy; trudy Konferentsii.  
(Problems in Magnetohydrodynamics and Plasma Dynamics; Transactions of a  
Conference). Riga: Izdatvo AN Latvishoy SSR, 1969. 343 p.  
Errata slip inserted. 1,000 copies printed.

Sponsoring Agency: Akademiya nauk Latvishoy SSR, Institut Fiziki.  
Editorial Board: D.A. Frank-Kamenetskiy, Doctor of Physics and Mathematics,  
Professor; A.I. Vol'dak, Doctor of Technical Sciences, Professor; I.M. Kirko,  
Doctor of Physics and Mathematics; V.N. Volynskiy, Candidate of Physics and  
Mathematics; V.G. Vitol, Candidate of Physics and Mathematics; Th.M. Krumin',  
and V.N. Kuvshinov.

**Ed.: A. Byalobzhen; Tech. Ed.: A. Elyerova**  
**PURPOSE:** This book is intended for physicists working in the field of magnetohydrodynamics and plasma dynamics.  
**CONTENTS:** This volume contains the transactions of a conference held in Riga, June 1968. Problems in applied and theoretical magnetohydrodynamics. The subjects of the conference were the investigation of the interaction between the electric and applied magnetohydrodynamics, establishing links between the problems of research in different branches of magnetohydrodynamics, and promoting the participation of theoretical physicists in problems in applied magnetohydrodynamics. More than 150 papers were read. Similar conferences had taken place in the conference, and 3 papers were read. Similar conferences are to be held regularly in the future. In this present collection of the transactions of the conference, most of the papers and comments on papers are presented by the authors themselves in abridged form. The book is divided into two parts: plasma dynamics, and magnetohydrodynamics in astrophysics (D.A. Frank-Kamenetskiy), magnetohydrodynamics and the investigation of cosmic-ray variations (L.I. Dorozan), hydrodynamics of plasma in a magnetic field (G.V. Gerasimov, A.I. Ablyuzov). The second part, consisting of 35 articles, deals with physical simulation for investigation of magnetohydrodynamic processes in liquid metals (I.M. Kirko) and the development of electromagnetic pumps (P.G. Kuvshinov) at the Institute of Physics of the Academy of Sciences, Latvian SSR. Several articles are devoted to induction pumps, electromagnetic crucibles, electromagnetic stirrers for molten metal, and their application in the metallurgical industry including schematic diagrams of their power-supply systems. References are given at the end of most of the articles.

Dorozan, L.I. On Charge-Particle Acceleration During Powerful Tupulse Discharge and the Collision of Magnetized Clouds	85
Kuvshinov, P.G. The Effect of Longitudinal Magnetic Fields on Electron Temperature in Plasmas	89
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Card 5/2



YEGOROV, L.M., kand.yurid.nauk; RYUMINA, L.A.

From the practice of the Maritime Arbitration Commission. Inform.  
sbor.TSNIIMF no.34:72-'58. (MIRA 14:3)  
(Arbitration and a ward) (Freight and freightage—Claims)

RYUMINA, L.A.[translator]; PROTOPOPOVA, M.I.[translator]

Judicial practice in the U.S.A. Inform.sbor.TSNIIMF no.34:77-81  
'58. (MIRA 14:3)  
(United States—Maritime law) (Freight and freightage—Claims)

PETROV, V.I.; GOELEVSKAYA, M.V.; SYRKASHEVA, A.V.; RAYKHSHTAT, G.N.;  
SHAPIRO, A.A.; BERLOVICH, E.A.; KARASEVA, M.F.; RYUMINA, M.G.  
LEYKINA, R.S.; BROKER, T.N.; GITARIN, D.Yu.; MOSKOVENKO, D.F.;  
STASILEVICH, Z.K.; REUT, A.I.; ALIYEVA, S.G.

Annotations. Zhur. mikrobiol., epid. i immun. 40 no.2:109-112  
F '63. (MIRA 17:2)

1. Iz Dnepropetrovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii (for Petrov). 2. Iz Saratovskogo meditsinskogo instituta i Saratovskoy gorodskoy sanitarno epidemiologicheskoy stantsii (for Godlevskaya, Syrkasheva). 3. Iz sanitarno-epidemiologicheskoy stantsii Sverdlovskogo rayona Moskovy (for Raykhshtat, Shapiro, Berlovich, Karaseva, Ryumina, Leykina, Broker). 4. Iz Instituta eksperimental'noy patologii i terapii AMN SSSR (for Stasilevich). 5. Iz Belorusskogo sanutarni-gigiyenicheskogo instituta (for Reut). 6. Iz Uzbekskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (for Aliyeva).

SHNAYDMAN, L.O.; KUSHCHINSKAYA, I.N.; Primali uchastiye: SILING, M.I.;  
BALATSENKO, S.V.; SHEVYREVA, O.N.; RYUMINA, N.V.; VASIL'YEVA, G.A.

Catalytic oxidation of diacetone-L-sorbose in diacetone-2-keto-  
L-gulonic acid with atmospheric oxygen. Trudy VNIVI 8:13-22  
'61. (MIRA 14:9)

(Sorbose) (Gulonic acid)

RYUMINA, T. F.

"Changes in the Higher Nervous Activity of Dogs During Experimental Tuberculosis." Cand Med Sci, Molotov State Medical Inst, Molotov, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

Card 1/1 Pub. 154-6/18

Author : Ryumina, T. F.

Title : ~~Changes in unconditioned and naturally conditioned reflexes in dogs~~  
Changes in unconditioned and naturally conditioned reflexes in dogs  
experimentally infected with tuberculosis.

Periodical : Zhur. vys. nerv. deyat., 5, 45-54, Jan/Feb 1955

Abstract : Experiments were conducted on dogs to find out how unconditioned reflex activity and conditioned reflex activity become modified after the dogs become infected with tuberculosis. Abatement of natural conditioned and unconditioned reflexes, recession in motor reaction and alimentary secretion, and a decrease in the time required for natural conditioned reflex to become extinct was noted in the majority of dogs experimentally infected with tuberculosis. A decrease in time required for natural conditioned reflex to become extinct must be looked upon as the outcome of the cumulative action of the inhibition which is becoming extinct and protective inhibition occurring in the cerebral cortex in response to effects of tuberculosis. Six tables. Twenty Soviet references.

Institution: Chairman of Pathologic Physiology, Molotov Medical Institute.

Submitted : December 15, 1952

RYUMINA, G.A., kandidat sel'skokhozyaystvennykh nauk.

Features of the cultivation of monoecious hemp. Dokl. Akad. sel'-  
khoz. 22 no.7:30-34 '57. (MIRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh  
kul'tur. Predstavleno akademikom I.V. Yakushkinym.  
(Hemp)

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

5192. RYUMINA T. F. Med. Inst., Molotoff. \*Some changes in higher nervous activity during acute experimental tuberculosis in dogs Z. VYŠC. NERV. DE JATEL. 1955, 5/4 (529-536)(Russian text)

Whereas the effects of toxic substances (acetone, petrol fumes, carbon monoxide, bromide, caffeine, strychnine etc.) on higher nervous activity are well known, only a few investigators (Ivanov-Smolensky, Gorschleva, Kotliarevsky and Karpenko and Khozak) have studied the effects of infections in this respect. The present author used the salivary secretion method of Pavlov to study conditioned and unconditioned reflexes in 4 dogs infected with Myco. tuberculosis cultures (1 mg./kg. i. v.). This produced acute disease in 3 dogs and acute passing to chronic in the 4th. The first day after the inoculation the intensity of conditioned reflexes was reduced, especially the response to weak stimuli ('narcotic' stage). On the 5th to 8th day the 'hypnotic' stage was established, in which the effects of weak and moderate stimuli were equal. From the 9th to 14th day the conditioned reflexes disappeared completely. In some cases an ultraparadoxical stage appeared later. A finding common to all cases was the appearance of irradiating cortical inhibition, in addition to the above-mentioned 'hypnotic' stages, demonstrating the existence of transliminal inhibition in the cerebral cortex, this resulting from the infection which acted as an abnormal stimulus exceeding the limits of functional capacity of the cortical cells. The hypnotic stages are regarded as the result of a protective inhibition. The intensification of the subsequent inhibition in all cases after the application of differentiations is interpreted as a sign of diffusion of the active inhibition. With the development of transliminal cortical inhibition there was a modification of the intensity and character of the unconditioned reflexes; this differed in the individual dogs and was evidenced by a shortening of



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CONT

the salivation time and a refusal of the usual food (but not of other, more tasty food). In the dog which passed from the acute to the chronic stage, the conditioned reflex activity was restored in the course of the clinical compensation of the tuberculous process.

Gavrilov - Tucuman

RYUMINA, T.F.

Influence of pthivazide on the secretory function of the stomach  
in normal and tuberculous dogs. Probl.tub. no.8:91-94 '61.  
(MIRA 15:5)

1. Iz kafedry patologicheskoy fiziologii (zav. - dotsent R.B.  
TSynkalovskiy) Permskogo meditsinskogo instituta.  
(STOMACH--SECRETIONS) (TUBERCULOSIS) (PHTHIVAZIDE)

RYUIMAW

APPROVED FOR RELEASE: Thursday, September 25, 2003  
APPROVED FOR RELEASE: Thursday, September 25, 2003

✓ The effect of denervation on the intensity of oxidative processes in white and red muscles. (F. S. Sheres and V. A. Ryumin. *Biokhimiya* 31: 385-8(1956).) Unilateral neurectomies were performed on rabbits at the level of the upper third of the femur. The muscles on the unoperated side were used as controls. At different time intervals after the operation animals were decapitated, the gastrocnemius and the soleus muscles were dissected out, freed from tendon and fascia and comminuted. Muscle oxidation was studied by the Warburg method. O consumption by the denervated white muscle (gastrocnemius) is increased and of the red muscle (soleus) is decreased. The same is true of the activity of pyrophosphatase. The glutathione of the white muscle is decreased and is unchanged in the red muscle. Catalase activity following denervation is considerably increased in both types of muscles, but to a much greater extent in the white muscle. It is concluded that the maintenance of the metabolic levels of muscles is a neuro-function.

B. S. Levine

2

RYUMINA, V.I.

"Effect of Acidosis and Alkalosis on the Soporific Action of Medinal,"

Farmakol. i Toksikol., 5, No. 3, 1942.

Mbr., Chair Pharmacology, Omsk, Medical Inst., -1942-.

RYUMINA, V.I.; SEREBRENNIKOVA, I.A.; KLEYTMAN, Ye.I.

Blood glycolysis in forms of experimental hemolytic anemia caused by  
dyes. Trudy Vses. ob-va fiziol., biokhim. i farm. 3:95-99 '56  
(MLRA 10:4)

1. Kafedra biokhimii (zaveduyushchiy kafedroy professor L.D. Kashevnik)  
i kafedra patofiziologii (zaveduyushchiy kafedroy professor D.I.  
Gol'dberg) Tomskogo meditsinskogo instituta im. V.M. Molotova. Tomsk.  
(DYES AND DYING--TOXICOLOGY) (ANEMIA) (GLYCOLYSIS)

KYUN

APPROVED FOR RELEASE Thursday, September 10, 2003

Protein metabolism and oxidative processes in denervated muscles of hypothyroid animals. G. S. Shvets, S. U. Epelbaum, and V. I. Rlumina *Biokhimiya*, 1958, 21, 71-77 (Chair of Biochem. Med. Inst., Molotov, U.S.S.R.).—Rabbits were fed 6-methyl thioaracil (6-MTU) for 30 days before the sciatic nerve was cut and the gastrocnemius muscle examined. Muscular atrophy was less severe in hypothyroid animals than in the normal control rabbits, and the incorporation of methionine into proteins was reduced. Denervation of 6-MTU treated animals reduces the rate of oxygen uptake by muscles but the activity of proteolytic processes increases. There is also a slight increase in the pyrophosphatase activity. Denervation of normal rabbits leads to increased rate of incorporation of methionine into proteins, an increase in respiration and an increase in pyrophosphatase activity. (Russian)

A. K. GRAYDOVERI

Med

RYUMINA, V.

1968. Effect of denervation on intensity of oxidative processes in white and red muscles. G. S. Shvets and V. I. Ryumina. *Biochim. Med. Inst. USSR*, 21: 381-383 (1968). (Chair of Biochem., Moscow, U.S.S.R.). - Leg muscles were denervated in rabbits by nerve section in the upper third of the thigh. O<sub>2</sub> uptake and pyrophosphatase activity were raised in the denervated gastrocnemius (white) but lowered in the soleus (red) as compared with corresponding normal muscles. After denervation the content of reduced glutathione was increased in the gastrocnemius and unchanged in the soleus. The catalase activity was increased in both muscles, but less in the red. The general effect of denervation is to shift the muscle metabolism more towards the "red" type. (Russian) T. R. PARSONS

Ryuminina,

The effect of denervation on the intensity of oxidative  
processes in white and red muscles. G. S. Sheva and V. I.  
Ryuminina. *Biochemistry (U.S.S.R.)* 21, 380-92(1958) (Eng-  
lish translation).—See C.A. 50, 17069c. B. M. R. 2



CHEN, G. Z.; CHEN, G. Z.; CHEN, G. Z.; CHEN, G. Z.; CHEN, G. Z.

Affect of insulin on the metabolism in animals with experimental  
hypothyroidism. Vop. med. zool. 7 no. 8:603-610 N.D. 763.

(MIRA 17:110)

1. Kafedra biokhimi i Parnskogo meditsinskogo instituta.

RYUMIN, Georgiy Mikhailovich; GAL'PERSON, Ye.B., red.; GANINA, L.V.,  
tekh.n.red.

[Means of lowering the costs of petroleum refining as exemplified  
by Azerbaijan] Rezervy snizhenia sebestoimosti v neftepererabotke;  
na primere Azerbaidzhana. Moskva, Gos.nauchno-tekhn.izd-vo نفت.  
i gorno-toplivnoi lit-ry, 1960. 35 p. (MIRA 13:9)  
(Petroleum---Refining)



RYUMKIN, Ya.

Visiting Mikhail Sholokhov in the Veshenskaya Stanitsa. Sov.  
foto 20 no. 12:12-13 D '60. (MIRA 14:1)

1. Fotokorrespondent zhurnala "Ogonek."  
(Sholokhov, Mikhail Aleksandrovich, 1905-)

44912

S/870/62/000/000/001/001  
D243/D307

27000

AUTHOR: Ryumina, Ye.N.

TITLE: The influence of additional irritants of a non-radioactive nature on the effects of small doses of internal radiation

SOURCE: Reaktsii organizma na deystviye malykh doz ion-iziruyushchey radiatsii. Ed. by M.G. Durmish'yan and A.V. Lebedinskiy. Moscow, Medgiz, 1962, 177-186

TEXT: The object of the present work was to study the effect on peripheral blood morphology of small doses of Na<sup>24</sup> in association with additional non-radioactive irritants. 2.5-3 kg male rabbits received Na<sup>24</sup> perorally in 0.25 mcuries/3kg body weight doses, peripheral blood being examined several times before and after the experiment. After giving Na<sup>24</sup>, the animal was bled to an extent of 0.5% or 1% of body weight, or was given orally a phosphorus-containing substance in amounts calculated at 150, 50 and 25 g/kg weight of animal. The effects of Na<sup>24</sup> administration agreed with reported re-

Card 1/2

The influence of additional ...

S/870/62/000/000/001/001  
D243/D307

sults. The 0.5% bleeding induced no additional changes when associated with  $\text{Na}^{24}$ . Combination of 1% bleeding and  $\text{Na}^{24}$  temporarily lowered hemoglobin by 15%, and the erythrocyte count by 1 million. A considerable reduction of the leucocyte count was shown to be induced by 1 mcurie and higher  $\text{Na}^{24}$  doses. The phosphorus-containing substance alone did not affect the blood characteristics but shortened the latent period of the  $\text{Na}^{24}$  reaction and enhanced the effect of threshold doses of  $\text{Na}^{24}$ . It is proposed that the laws of N.Ye. Vvedenskiy, I.P. Pavlov and A.D. Speranskiy be extended to phenomena associated with the combined effect of radioactive and other factors of the medium. There are 3 figures.

ASSOCIATION: Laboratoriya radiobiologii Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni F.F. Erismana (Laboratory of Radiobiology of the Moscow Scientific-Research Institute of Hygiene im. F.F. Erisman)

Card 2/2

MALOV, G.A.; RYUMINA, Ye.H.

Use of Cr<sup>51</sup> for labelling erythrocytes. Med. rad. 9 no.3:47-51 Mr '64.  
(MIRA 17:12)

1. Laboratoriya klinicheskoy fiziologii (zav. - prof. A.G.Bukhtiyarov)  
Instituta serdechno-sosudistoy khirurgii AMN SSSR.

RYUMINA, Ye.N.

Effect of nonradioactive additional stimuli on the effect of small  
doses of internal irradiation. Fiziol.zhur. 46 no.8:1010-1015 Ag  
'60.. (MIRA 13:8)

1. From the radiobiological laboratory, Kriksman Research Institute  
of Sanitation and Hygienics, Moscow.  
(RADIATION—PHYSIOLOGICAL EFFECT) (BLOODLETING)  
(CHEMICALS—PHYSIOLOGICAL EFFECT)



RYUMKIN, Yakov

Only about photographs. Sov. foto 23 no.4:22-24 Ap '63.  
(MIRA 16:5)

(Riumkin, Iakov, 1913-)

RYUMKINA, K.

Indifference is a bad assistant. Okhr.truda i sots.strakh.  
3 no.4:55-56 Ap '50. (MIRA 13:6)

1. Doverennyy vrach Kuybyshevskogo oblsoprofa.  
(Kuybyshev—Construction industry—Hygienic aspects)

**RYUMSHIN, G.I.; POPOV, M.A.**

Three cases of fracture of the odontoid process of the second cervical vertebra. Ortop., travm. i protez. 20 no. 12:52-53 D  
'59. (MIRA 13:5)

1. Iz kafedry khirurgii dlya usovershenstvovaniya vrachey No. 2  
(nach. - prof. I.D. Zhitnyuk) Voenno-meditsinskoy akademii imeni  
S.M. Kirova.  
(ATLAS AND AXIS fracture & dislocation)

MASLAK, M.F. (Dnepropetrovsk); RYUMSHIN, N.A., inzh. (Dnepropetrovsk)

Automation of welding operations. Zhel.dor.transp. 45 no.10:  
67-69 0 '63. (MIRA 16:11)

1. Nachal'nik Dnepropetrovskogo parovozoremontnogo zavoda (for  
Maslak).

CHURSIN, V.M.; RYUMSHIN, V.M.

Surface tension of copper alloys. Izv.vys.ucheb.zav.; tsvet.;  
met. 2 no.4:118-124 '59. (MIRA 13:1)

1. Moskovskiy institut tsvetnykh metallov i zolota. Kafedra  
liteynogo proizvodstva.  
(Copper alloys) (Surface tension)

RYUMINSKAYA, R. N., Cand Med Sci -- (USSR) "Phototypes of dysentery

bacteria." Leningrad, 1957, 18 pp (Leningrad Sanitorium-Hygiene  
Medical Institute. Vologod Scientific Research Institute of Epidemiology  
and Microbiology. Tallinn Scientific Research Institute of Epidemiology,  
Microbiology and Hygiene), 200 copies (KL, 36-57, 108)

RYUMSHIN, G.

Storage Batteries

Reconditioning of the BS-G-70 battery with broken lead. Radio no. 8, 1952.

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

RYUMSHIN, G.I., kapitan meditsinskoy sluzhby

Gramicidin S for treating the surgeon's hands. Voen.-med. zhur.  
no.9:57-58 S '55. (MLRA 9:9)  
(GRAMICIDIN) (SURGERY, ASEPTIC AND ANTISEPTIC)



USSR / General Problems of Pathology. Tumors. U  
Comparative Oncology. Human Tumors.

Abstr Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13660

Author : Ryumshin, G. I.; Rakitin, Ya. A.

Inst : -

Title : A Rare Case of Malignant Tumor of an Accessory  
Mammary Gland in a Man.

Orig Pub : Vopr. onkologii, 1957, 3, No. 3, 358-359

Abstract : No abstract

Card 1/1

Injuries of the menisci of the knee joint. Ortop. travm.i protez.  
22 no.1:23-29 Ja '61. (MIRA 14:5)

1. Iz kafedry khirurgii dlya usovershenstvovaniya vrachey No.2  
(nachal'nik - prof. I.D.Zhitnyuk) Voenno-meditsinskoy ordena  
Lenina akademii imeni S.M.Kirova.  
(KNEE--WOUNDS AND INJURIES)

RAKITIN, Ya.A.; RYUMSHIN, G.I. (Leningrad, per. Kakhovskogo, d.5, kv. 25)

Rare complications in appendicitis not treated by surgery. Vest.  
khir. 80 no.2:116-117 F '58. (MIRA 11:3)  
(APPENDICITIS, compl.  
in non-operated cases (Rus)

RYUMSHIN, G.I.

RYUMSHIN, G.I. (Leningrad, 57, per. Kakhovskogo, d.5, kv. 25); ROKITIN, Ya.A.

Rare case of malignant tumor of an accessory mammary gland in a man  
[with summary in English]. Vop.onk. 3 no.3:358-359 '57. (MLRA 10:8)

1. Iz kafedry 2-y gosptal'noy khirurgii Voenno-morskoy meditsinskoy akademii (nach. kafedry - prof. I.D.Zhitnyuk)  
(BREAST NEOPLASMS, case reports  
malignant accessory mammary gland tumor in man (Rus))

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446510017-2  
CIA-RDP86-00513R001446510017-2"

RYUMSHIN, G. I.

"Preparation of Surgeon's Hands by Gramicidine C," Voyenno-Med. Zhur., p. 57,  
No. 9, 1955.

Q-5

USSR/Farm Animals. Domestic Fowls

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35758

Author : Grigor'yev F.M. Ryumshin N.M.

Inst : Not Given

Title : On Certain Changes in the Behavior of Hens under Altered  
Schedule of the Working Day (O nekotorykh izmeneniyekh v  
povedonii kur pri izmenennom rasporyakde rabochego dne)

Orig Pub : Tr. Novosib. s.-kh. in-ta, 11, 269-277

Abstract : In 1953, beginning from mid-February, the night feeding of  
hens was carried out in two kolkhozes of the Chkalov Oblast'.  
Without augmenting the standard rations, the lighting of the  
poultry house during night feeding increased the laying out-  
put from 772 eggs to 1,100 in February and 4,743 eggs in  
March. At the educational experimental aviary, in 1954-1955,  
a two-interval day schedule was introduced. The feed rations  
were complete and variegated. At 11 p.m., the poultry house  
was lighted with electric bulbs, and feed and water were  
supplied. The average egg production per laying hen was 29

Cerd : 1/2

RYUMSHIN, P.  
CA

Purification of dihydroxydiaminobenzene. A.  
Zil'berberg, E. E. Ryumshin and R. M. Khramova.  
Russ. 56,370, Dec. 31, 1939. Dihydroxydiaminobenzene  
is dissolved in alkali, filtered and pptd. by means  
of H<sub>2</sub>SO<sub>4</sub>.

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN MATERIALS INDEX

ABB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ALPHABETIC INDEX

GROUP	LETTERS	NUMBERS	SYMBOLS	OTHER
1	A	1	+	
2	B	2	-	
3	C	3	×	
4	D	4	÷	
5	E	5	·	
6	F	6	°	
7	G	7	′	
8	H	8	″	
9	I	9	′	
10	J	10	″	
11	K	11	′	
12	L	12	″	
13	M	13	′	
14	N	14	″	
15	O	15	′	
16	P	16	″	
17	Q	17	′	
18	R	18	″	
19	S	19	′	
20	T	20	″	
21	U	21	′	
22	V	22	″	
23	W	23	′	
24	X	24	″	
25	Y	25	′	
26	Z	26	″	
27	AA	27	′	
28	AB	28	″	
29	AC	29	′	
30	AD	30	″	
31	AE	31	′	
32	AF	32	″	
33	AG	33	′	
34	AH	34	″	
35	AI	35	′	
36	AJ	36	″	
37	AK	37	′	
38	AL	38	″	
39	AM	39	′	
40	AN	40	″	
41	AO	41	′	
42	AP	42	″	
43	AQ	43	′	
44	AR	44	″	
45	AS	45	′	
46	AT	46	″	
47	AU	47	′	
48	AV	48	″	
49	AW	49	′	
50	AX	50	″	
51	AY	51	′	
52	AZ	52	″	
53	BA	53	′	
54	BB	54	″	
55	BC	55	′	
56	BD	56	″	
57	BE	57	′	
58	BF	58	″	
59	BG	59	′	
60	BH	60	″	
61	BI	61	′	
62	BJ	62	″	
63	BK	63	′	
64	BL	64	″	
65	BM	65	′	
66	BN	66	″	
67	BO	67	′	
68	BP	68	″	
69	BQ	69	′	
70	BR	70	″	
71	BS	71	′	
72	BT	72	″	
73	BU	73	′	
74	BV	74	″	
75	BW	75	′	
76	BX	76	″	
77	BY	77	′	
78	BZ	78	″	
79	CA	79	′	
80	CB	80	″	
81	CC	81	′	
82	CD	82	″	
83	CE	83	′	
84	CF	84	″	
85	CG	85	′	
86	CH	86	″	
87	CI	87	′	
88	CJ	88	″	
89	CK	89	′	
90	CL	90	″	
91	CM	91	′	
92	CN	92	″	
93	CO	93	′	
94	CP	94	″	
95	CQ	95	′	
96	CR	96	″	
97	CS	97	′	
98	CT	98	″	
99	CU	99	′	
100	CV	100	″	
101	CW	101	′	
102	CX	102	″	
103	CY	103	′	
104	CZ	104	″	
105	DA	105	′	
106	DB	106	″	
107	DC	107	′	
108	DD	108	″	
109	DE	109	′	
110	DF	110	″	
111	DG	111	′	
112	DH	112	″	
113	DI	113	′	
114	DJ	114	″	
115	DK	115	′	
116	DL	116	″	
117	DM	117	′	
118	DN	118	″	
119	DO	119	′	
120	DP	120	″	
121	DQ	121	′	
122	DR	122	″	
123	DS	123	′	
124	DT	124	″	
125	DU	125	′	
126	DV	126	″	
127	DW	127	′	
128	DX	128	″	
129	DY	129	′	
130	DZ	130	″	
131	EA	131	′	
132	EB	132	″	
133	EC	133	′	
134	ED	134	″	
135	EE	135	′	
136	EF	136	″	
137	EG	137	′	
138	EH	138	″	
139	EI	139	′	
140	EJ	140	″	
141	EK	141	′	
142	EL	142	″	
143	EM	143	′	
144	EN	144	″	
145	EO	145	′	
146	EP	146	″	
147	EQ	147	′	
148	ER	148	″	
149	ES	149	′	
150	ET	150	″	
151	EU	151	′	
152	EV	152	″	
153	EW	153	′	
154	EX	154	″	
155	EY	155	′	
156	EZ	156	″	
157	FA	157	′	
158	FB	158	″	
159	FC	159	′	
160	FD	160	″	
161	FE	161	′	
162	FF	162	″	
163	FG	163	′	
164	FH	164	″	
165	FI	165	′	
166	FJ	166	″	
167	FK	167	′	
168	FL	168	″	
169	FM	169	′	
170	FN	170	″	
171	FO	171	′	
172	FP	172	″	
173	FQ	173	′	
174	FR	174	″	
175	FS	175	′	
176	FT	176	″	
177	FU	177	′	
178	FV	178	″	
179	FW	179	′	
180	FX	180	″	
181	FY	181	′	
182	FZ	182	″	
183	GA	183	′	
184	GB	184	″	
185	GC	185	′	
186	GD	186	″	
187	GE	187	′	
188	GF	188	″	
189	GG	189	′	
190	GH	190	″	
191	GI	191	′	
192	GJ	192	″	
193	GK	193	′	
194	GL	194	″	
195	GM	195	′	
196	GN	196	″	
197	GO	197	′	
198	GP	198	″	
199	GQ	199	′	
200	GR	200	″	
201	GS	201	′	
202	GT	202	″	
203	GU	203	′	
204	GV	204	″	
205	GW	205	′	
206	GX	206	″	
207	GY	207	′	
208	GZ	208	″	
209	HA	209	′	
210	HB	210	″	
211	HC	211	′	
212	HD	212	″	
213	HE	213	′	
214	HF	214	″	
215	HG	215	′	
216	HH	216	″	
217	HI	217	′	
218	HJ	218	″	
219	HK	219	′	
220	HL	220	″	
221	HM	221	′	
222	HN	222	″	
223	HO	223	′	
224	HP	224	″	
225	HQ	225	′	
226	HR	226	″	
227	HS	227	′	
228	HT	228	″	
229	HU	229	′	
230	HV	230	″	
231	HW	231	′	
232	HX	232	″	
233	HY	233	′	
234	HZ	234	″	
235	IA	235	′	
236	IB	236	″	
237	IC	237	′	
238	ID	238	″	
239	IE	239	′	
240	IF	240	″	
241	IG	241	′	
242	IH	242	″	
243	II	243	′	
244	IJ	244	″	
245	IK	245	′	
246	IL	246	″	
247	IM	247	′	
248	IN	248	″	
249	IO	249	′	
250	IP	250	″	
251	IQ	251	′	
252	IR	252	″	
253	IS	253	′	
254	IT	254	″	
255	IU	255	′	
256	IV	256	″	
257	IW	257	′	
258	IX	258	″	
259	IY	259	′	
260	IZ	260	″	
261	JA	261	′	
262	JB	262	″	
263	JC	263	′	
264	JD	264	″	
265	JE	265	′	
266	JF	266	″	
267	JG	267	′	
268	JH	268	″	
269	JI	269	′	
270	JJ	270	″	
271	JK	271	′	
272	JL	272	″	
273	JM	273	′	
274	JN	274	″	
275	JO	275	′	
276	JP	276	″	
277	JQ	277	′	
278	JR	278	″	
279	JS	279	′	
280	JT	280	″	
281	JU	281	′	
282	JV	282	″	
283	JW	283	′	
284	JX	284	″	
285	JY	285	′	
286	JZ	286	″	
287	KA	287	′	
288	KB	288	″	
289	KC	289	′	
290	KD	290	″	
291	KE	291	′	
292	KF	292	″	
293	KG	293	′	
294	KH	294	″	
295	KI	295	′	
296	KJ	296	″	
297	KK	297	′	
298	KL	298	″	
299	KM	299	′	
300	KN	300	″	
301	KO	301	′	
302	KP	302	″	
303	KQ	303	′	
304	KR	304	″	
305	KS	305	′	
306	KT	306	″	
307	KU	307	′	
308	KV	308	″	
309	KW	309	′	
310	KX	310	″	
311	KY	311	′	
312	KZ	312	″	
313	LA	313	′	
314	LB	314	″	
315	LC	315	′	
316	LD	316	″	
317	LE	317	′	
318	LF	318	″	
319	LG	319	′	
320	LH	320	″	
321	LI	321	′	
322	LJ	322	″	
323	LK	323	′	
324	LL	324	″	
325	LM	325	′	
326	LN	326	″	
327	LO	327	′	
328	LP	328	″	
329	LQ	329	′	
330	LR	330	″	
331	LS	331	′	
332	LT	332	″	
333	LU	333	′	
334	LV	334	″	
335	LW	335		

CA RYUMSHIN, P.

The nature of basic salts. Basic bismuth salts of *n*-phenylbutyric acid. M. Ya. Kraft and P. F. Ryumshin. Doklady Akad. Nauk S.S.S.R. 68, 705-8(1949).--The

often assumed but never yet experimentally substantiated polymeric structure of basic salts was tested on Bi salts of *n*-phenylbutyric acid (I) which can be prepd. with varying Bi contents and are sol. in several org. solvents; this solv. permits detns. of the mol. wt. and the viscosity. Four hrs. heating on a water bath of 20 g. I, 50 ml. C<sub>6</sub>H<sub>6</sub> (or PhMe), 1 ml. H<sub>2</sub>O, and 20, 30, or 40 g. Bi<sub>2</sub>O<sub>3</sub> (freshly pptd., not dried), followed by distn. of the major part of the solvent, and final drying in a vacuum desiccator, yielded solid basic salts, in the form of powders, contg. 44.5, 50.0, or 60.4% Bi, resp., as compared with the 30.0% Bi content of the normal salt BiA<sub>3</sub>. Any of these basic salts, dissolved in C<sub>6</sub>H<sub>6</sub> (1.5 ml. per g. of salt), boiled 2 hrs. with MeOH (1 ml./g.), then poured into a 4-fold vol. of cold MeOH, gives a ppt. which on drying at 60° contains 61% Bi. If this operation is carried out with a basic salt contg. not less than 60% Bi, and in the presence of 0.3 ml. Et<sub>3</sub>NH/g. salt, the product is a still more highly basic salt with 69-67% Bi. All these salts are easily sol. in C<sub>6</sub>H<sub>6</sub>, PhMe, Et<sub>2</sub>O, C<sub>4</sub>H<sub>9</sub>Cl, and C<sub>2</sub>H<sub>5</sub>Br, and insol. in H<sub>2</sub>O and in aces. Salts with over 60% Bi are sol. in petr. ether. An indication of the polymer nature of the more highly basic salts (over 50% Bi) is the formation of a lacquer-like, glassy, film on quiet evapn. of a soln. The formulation  $[nBi(OBiA)_2(OBiA)]_x$  is applicable to basic salts contg. from 38.5% ( $x = 0$ ) to 53.87% Bi ( $x = \infty$ ), and

leads to a relation between the mol. wt. *M* and the Bi content,  $M = 17588/(53.87 - \%Bi)$ . This formula was confirmed by cryoscopic detns. in C<sub>6</sub>H<sub>6</sub> soln., of *M* of salts with 44.5-60.7% Bi. For the neutral salt, cryoscopy gives a mol. wt. corresponding to Bi<sub>2</sub>A<sub>3</sub>. Basic salts with 53-47% Bi give only a very slight f.-p. depression; salts with 65% Bi give none in C<sub>6</sub>H<sub>6</sub>, C<sub>4</sub>H<sub>9</sub>Cl, and dioxane. The formulation  $[Bi(OBiA)_2(OBiA)]_x$  is consistent with the exptl. detn. of OH groups (in the salt with 65.98% Bi), but is not borne out by detns. of the viscosity in C<sub>6</sub>H<sub>6</sub> soln., which is very small and does not follow Staudinger's law. The independence of the viscosity of dil. solns. of the dispersity indicates that the mois. are spherical, not threadlike. Analogous basic salts of Al show a very high viscosity in 0.5% C<sub>6</sub>H<sub>6</sub> solns. The abnormally low viscosity of the highly basic Bi salts is evidently linked with the high at. wt. of Bi.

N. Thon



SOURCE CODE: UR/0276/65/000/011/G016/G016

ACC NR: AR6013851

(A, N)

AUTHORS: Lovtsov, D. P.; Ryumshin, V. M.; Spasskiy, A. G.

46  
B

TITLE: The influence of the purity of metals on the structure of silumin

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 11G132

REF SOURCE: Sb. Lit'ye i obrabotka splavov chern. i tsvetn. met. Krasnoyarsk, 1965, 43-45

TOPIC TAGS: metal crystallization, metal heat treatment, silumin, metal property, alloy

ABSTRACT: The theory stating that modified structure of silumin may be obtained without the introduction of modifying admixtures is reiterated. This theory proposes that such a modified structure will result from superheating the melt at above 900--1000C and subjecting it to rapid crystallization. It is noted that even small concentrations of admixtures may basically alter the microstructure of the alloy and, consequently, its mechanical and physical properties. 4 illustrations. Bibliography of 4 titles. [Translation of abstract/

silicon 27  
aluminum 27

SUB CODE: 11

UDC: 621.745:669.715

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621.918.13 [337,326 + 558.22] 029.6 1522

Ferrites with Low Losses at U.H.F.

R. G. Mirmanov, L. G. Lomize & N. V. Ryumshina

(Radiotekhnika: I. Elektronika, May 1956, Vol. 1, No. 5, pp. 68-69.)

A brief note on ferrites containing some, or all, of the following: Fe<sub>2</sub>O<sub>3</sub>, MgO, MnO and calcium titanate. The loss tangent, tan δ, is about 10<sup>-3</sup> in the 3-cm band; μ varies between about 0.4 and 0.9 for the different ferrites and ε between 6.9 and 38.

3 4E4c

fra 86  
aarf

TSVETKOV, V.N.; SHTENNIKOVA, I.N.; RYUMTSEV, Ye.I.; OKHRIMENKO, G.I.

Flow birefringence and optical anisotropy of poly- $\gamma$ -benzyl L-  
glutamate molecules in solution. Vysshem. sced. 7 no.6:1104-1110  
Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

TSVETKOV, V.N.; SHTENNIKOVA, I.N.; RYUMTSEV, Ye.I.; SKAZKA, V.S.

Birefringence in an electric field, rotatory diffusion, and dipole moments of poly- $\gamma$ -benzyl glutamate molecules in solution. Vysokom. sced. 7 no.6:1111-1116 Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

PENKOV, S.N.; RYUMTSEV, Ye.I.

Birefringence of polystyrene solution in  $\text{CCl}_4$  near the inversion point.  
Vysokom.soed. 6 no.2:364 F '64. (MIRA 17:2)

USSR / General Biology. General Histology.

B-3

Abs Jour: Ref Zhur-Biol., No 18, 1958, 80982.

Author : ~~Ryumantseva, O. N.~~  
Inst : Not given.  
Title : Investigation of the Innervation of Annular  
Myofibrils.

Orig Pub: Dokl. AN SSSR, 1957, 116, No 3, 504-507.

Abstract: A 90° turn of the gastrocnemius muscle of a guinea pig or a rat and the sewing it up in such position to the adjacent tissues induce the formation of special annular myofibrils (AM) in its muscular fibers. In a month, after the operation, there appeared a marked increase of two to three times the number of Schwann's nuclei of the motor plates of the fibers with AM. There are signs of growth of

Card 1/2

RYUNDAL, L.YA.

USSR/Chemical Technology - Chemical Products and Their  
Application. Treatment of solid mineral fuels

I-12

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12855

Author : Ryundal L.Ya.

Inst : Tallin Polytechnic Institute

Title : Chromatographic Adsorption Analysis of Shale Gasoline  
from a Revolving Retort

Orig Pub : Tr. Tallinsk. politekhn. in-ta, 1954, No 52, Ser. A,  
1-28

Abstract : No abstract.

RYUNDAL, L. Ya.

RYUNDAL, L. Ya.: "Investigation of the chemical composition and physicochemical properties of gasoline from 'kukersit' shale." Min Higher Education. Tallin Polytechnic Inst. Tallin, 1956. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCE).

So.: Knizhnaya letopis', No. 25, 1956.