

KAMALYAN, G.V.; BARSEGYAN, G.V.

Effect of colamine and some of its derivatives on phosphatase activity. Biokhimiia 24 no.6:1070-1073 N-D '59. (MIRA 13:5)

1. Chair of Biochemistry, Zootechnical-Veterinary Institute, Erevan.

(AMINO ALCOHOLS pharmacol.)  
(PHOSPHATASE metab.)

KAMALYAN, Guren Voskanovich, prof.; BARSEGYAN, G.V., otv. red.;  
MATINYAN, A.A., tekhn. red.

[Colamine and its biological significance] Kolamin i ego biologicheskoe znachenie. Erevan, Izd-vo M-va sel'.khoz., 1960.  
141 p. (MIRA 15:8)  
(Ethanol)

BARSEGYAN, G. V., KAMALYAN, G. V., GASPARYAN, M. G. (USSR).

The Effect of Ethanolamine and its Derivatives on Phosphate Metabolism.

report presented at the 5th Int'l.  
Biochemistry Congress, Moscow, 10-16 Aug, 1961.

BARSIGYAL, G.Y.

Effect of etomidate on anabolic and catabolic processes in  
the animal organism. Izv. Ak. SSSR biol. nauk 17 15.9:  
9-16 S 164 (MIRA 1981)

1. Laboratoriya khimii veshchestv Yerevanskogo universitetskogo  
instituta.

BAISEGYAN, G.Y.

Stimulation of synthetic processes in the liver of white rats  
by ethanolamine following partial hepatectomy. Dokl. Ak. Nauk  
SSR. Biol. nauki 18 no.5:10-33 M. 1965.

(NIDA 18.1)

1. Karevskiy I. oveterinarnyy institut, nauch. biblioteka.

PARSHYAN, G.V.

Effect of ethanolic extract on some properties of myxoma virus  
antigenic. Izv. Ak. Arm. SSR Zool. 04-115, 1967.

(1968-1)

1. Yeravanskiy tekhnicheskoye-veterinarnyye institut.  
Submitted May 1967.

BABSEGYAN, G.V.

Quantitative determination of free ethanolanine in animal tissues by  $\pi$ -benzoinone. Dokl. Ak. Arm. Sci. 41 no. 195: 96 '65. (MIRA 18:11)

1. Yerevanskiy zootekhnicheskoye-veterinarnyye Institut. Submitted March 4, 1965.

VELIZAR'YEVA, N.I.; RAPOPORT, I.B.; MAN'KOVSKAYA, N.K.; BARSEGYAN, I.B.;  
SHIMAN, A.M.; BABAYEV, V.I.; SUKHOTERIN, I.S.

Industrial experience in the oxidation of paraffins from sulfur-bearing crudes. Khim.i tekhn.topl.i masel 5 no.7:11-16 JI '60.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva,  
NII SZhIMS i Shobekinskiy kombinat sinteticheskikh zhirnykh kislot  
i zhirnykh spirtov.

(Paraffins)

(Oxidation)

*BARSEGYAN, I. V.*

MAN'KOVSKAYA, M.K., kandidat khimicheskikh nauk; BARSEGYAN, I.V., inzhener;  
MOSKVINA, G.I., inzhener.

Effect of the composition of paraffins on the yield and quality of  
synthetic fatty acids obtained from them. Masl.-zhir.prom.22 no.6:  
20-24 '56. (MLRA 9:10)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut zhirev (for Man'kov-  
skaya and Barsogyan).2.Shebekinskiy kombinat sinteticheskikh zhirnykh  
kislot i Zhirevogo syr'ya (for Moskvina).  
(Paraffins) (Acids, Fatty)

MAN'KOVSKAYA, N.I., kand.tekhn.nauk; BARSEGYAN, I.V., inzh.; SOLODOVA,  
N.I.

Oder-causing substances in synthetic fatty acids. Masl.-zhir.  
prom. 25 no.4:13-15 '59. (MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for  
Man'kovskaya, Barsegvan). 2. Shebekinskiy kombinat sinteticheskikh  
zhirovykh kislot i zhirovogo syr'ya (for Solodova).  
(Acids, Fatty)

BARSEGYAN, I.V., inzh.; SOLODOVA, N.I.

Determining the content of low-molecular acids in salts with  
the acid of a cationite. Masl.-zhir.prom. 25 no.8:34-35  
'59. (MIRA 12:12)

1. NIISZhIMS (for Barsegyan). 2. Shchebekinskiy kombinat  
sinteticheskikh zhirnykh kislot i zhirnykh spirtov (for  
Solodova).

(Acids, Organic) (Salts) (Ion exchange)

MKRTCHYAN, K.A.; BARSEGYAN, L.A.; OGANESYAN, Dzh.A.; ARUTYUNYAN, A.R.;  
AYVAZYAN, S.M.

Ancient mining and metallurgic structures of Metsamor (Armenia).  
Izv. AN Arm.SSR Nauki o zem. 17 no.2:69-74 '64.

(MIRA 17:8)

1. Upravleniye geologii i okhrany neдр pri Sovete Ministrov  
Armyanskoy SSR.

SEVERDENKO, V.P.; BARSEGYAN, M.A.

Investigating the effect of temperature on the coefficient  
of external friction during the rolling of 162 brass. Dokl.  
AN BSSR 9 no.10:671-674 O '65. (MIRA 18:12)

1. Belorusskiy politekhnicheskiy institut. Submitted June 12,  
1965.

SEVERDENKO, V.P.; BARSEGYAN, M.A.

Effect of temperature on the external friction coefficient in  
the rolling of LS59-1 brass. Dokl. AN BSSR 9 no. 11:740-741  
N '65 (MIRA 19:1)

1. Belorusskiy politekhnicheskiy institut.

FIKH, B.M., kand.istor.nauk; ARZHAYEVA, L.V.; BARSEGYAN, M.V., kand.  
istor.nauk; GOLUB, I.P.; GRIGOR'YEVA, Z.G., kand.istor.nauk;  
MARASH, Ya.N., kand.istor.nauk; MARKOVSKIY, D.S., kand.  
istor.nauk; PESTRAK, F.S.; GOLUBETSOVA, P., red.; SLAVYANIN, I.,  
tekhn.red.

[Grodno; historical study] Grodno; istoricheskii ocherk. Minsk,  
Gos.izd-vo BSSR, Red.sotsial'no-ekon.lit-ry, 1960. 150 p.  
(MIRA 14:3)

(Grodno--History)

(Grodno--Economic conditions)

BARANOVAN, R.G.

Some enzymatic blood indices in rachitic children up to one year of age. Vop. pit. 24 no. 6:44-47 N-II '65

(MIRA 19:1)

1. Otdel vitaminologii (zav. - prof. V.V. Yefremov) Instituta pitaniya ANU SSSR, Moskva.

BARSEGYAN, R.O.

Reflex action of extremity antagonists following the deafferentation of the extremity and longitudinal splitting of the spinal cord. Nauch.trudy Inst.fiziol.AN Arm.SSR. 1:153-174 '48.

(MLBA 9:8)

(MUSCLES) (REFLEXES) (SPINAL CORD)

BARSEGYAN, Rakel O.

Immediate and late aftereffects of severing the anterior spinal  
cord at various stages of postnatal ontogenesis in dogs. Nauch.  
trudy Inst.fiziol. AN Arm. SSR. 3:35-49 '50. (MLBA 9:8)  
(SPINAL CORD) (CEREBRAL CORTEX)

USSR/Human and Animal Physiology (Normal and Pathological). T-12  
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Barsegyan, R.O.

(51313)

Inst : Academy of Sciences Armenian SSR.

Title : Characteristics of Conditioned Reflex Activity in Puppies  
with a Normal Spinal Cord and After Its Impairment. 1st  
Report.

Orig Pub : V sb.: Vopr. vyssh. nervn. deyat-sti i kompensatorm. pris-  
posobleniy, Vyp. 2. Yerevan, AN ArmSSR, 1957, 75-90.

Abstract : In normal 1-30 days old puppies electro-defensive conditio-  
ned reflexes were produced, after the stimulus was used 1-4  
times. However, they did not become localized. After the  
reflexes were produced, a period occurred during which the  
reaction was absent. The duration of this period decreased  
with age. At times, disappearance of unconditioned reflex-  
es and decrease of respiration rate were observed.

Card 1/2

- 124 -

USSR/Human and Animals Physiology (Normal and Pathological). T-12  
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51319

Author : Barsegyan, R.O.

Inst : Academy of Sciences Armenian SSR.

Title : Characteristics of Conditioned Reflex Activity in Puppies  
with a Normal Spinal Cord and After Its Impairment. 2nd  
Report.

Orig Pub : V sb.: Vopr. vyssh. nervn. deyat-sti i kompensatorn. pris-  
posobleniy. Vyp. 2, Yerevan, AN ArmSSR, 1957, 91-106.

Abstract : In puppies, during the period when locomotion was restored  
again following severance of the anterior half of the spi-  
nal cord (SC) at the Th<sub>8-9</sub> level, previously produced con-  
ditioned reflex motions of the extremity with impaired in-  
nervation disappeared, yet the threshold of unconditioned

Card 1/2

- 125 -

USSR/Human and Animal Physiology (Normal and Pathological). T-12  
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51319

reflexes increased, a fact which is looked upon as proof that the cortex is functionally involved in compensation. After restoration of locomotion, creation of new conditioned reflex motions was not difficult. Severance of posterior SC did not cause temporary disappearance of reflexes in the extremity with impaired innervation, but restoration of locomotion was slower. Restored locomotion did not become destroyed when decortication took place. -- T.G. Beteleva.

Card 2/2

BARSEGYAN, R.O.

Effect of Filatov's biogenic stimulator on the restoration of stomach function after sectioning of the anterior half of the spinal cord. Fiziol. zhur. 48 no.1:76-81 Ja '62. (MIRA 15:2)

1. From the L.A.Orbeli Institute of Physiology, Armenian S.S.R. Academy of Sciences, Erevan.  
(SPINAL CORD\_\_SURGERY) (STOMACH) (TISSUE EXTRACTS)

BABYAN, A.A.; PAPSEGYAN, S.G.; KECHEK, N.A.; VARTANYAN, U.S.

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

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

BARSEGYAN, S.G.

Using hybrid seeds as a means for increasing tobacco yields [in  
Armenian with summary in Russian]. Izv.An Arm.SSR,Biol.i sel'khoz.  
nauki 8 no.6:15-25 Je '55. (MLBA 9:8)  
(Armenia--Tobacco)

BARSEGYAN, S.G.; OHVORKYAN, Y.O.A.; NUBARYAN, F.M.

Heterosis in tobacco due to intervarietal hybridization [in Armenian with summary in Russian]. Izv.AN Arm.SSR Biol.i sel'khoz.nauki 9 no.7:37-48 J1 '56. (MLRA 9:9)

(Tobacco breeding) (Heterosis)

BARSEGYAN, S.G.

Regular patterns of the formation of certain characters in hybrid tobacco plants. Izv. AN Arm. SSR, Biol. nauki 13 no.10:31-41 '60.  
(MIRA 13:12)

1. Armyanskiy nauchno-issledovatel'skiy institut zemledelyia  
Ministerstva sel'skogo khozyaystva ArmSSR.  
(TOBACCO BREEDING)

BARSEGYAN, V.A., inzh.

Vertical foundation-hole excavator mounted on the DM track  
motor-car. Transp.stroi. 10 no.5:11-14 My '60.

(MIRA 13:7)

(Excavating machinery)

BARSEGYAN, Vachagyan Arshakovich, inzh.; BEL'KIND, Mikhail Borisovich, inzh.; ABRAGAN, S.R., inzh., red.; USENKO, L.A., tekhn. red.

[Machinery for digging foundation holes for overhead contact-system poles] Mashiny dlia razrabotki kotlovanov pod opory kontaktnoi seti. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1961. 87 p. (MIRA 15:1)  
(Electric railroads--Construction) (Excavating machinery)

BAREN, I.A., CHAMAGURTSYAN, V.N.

Device for automatically supplying the chemical forming a film on  
a water surface for suppressing evaporation. Izv.AN Arm.SSR.  
Ser.tekh.nauk 16 no.2/3:129-132 '63. (MIRA 16:9)  
(Films (Chemistry)) (Evaporation)

1. NAME

2. TITLE

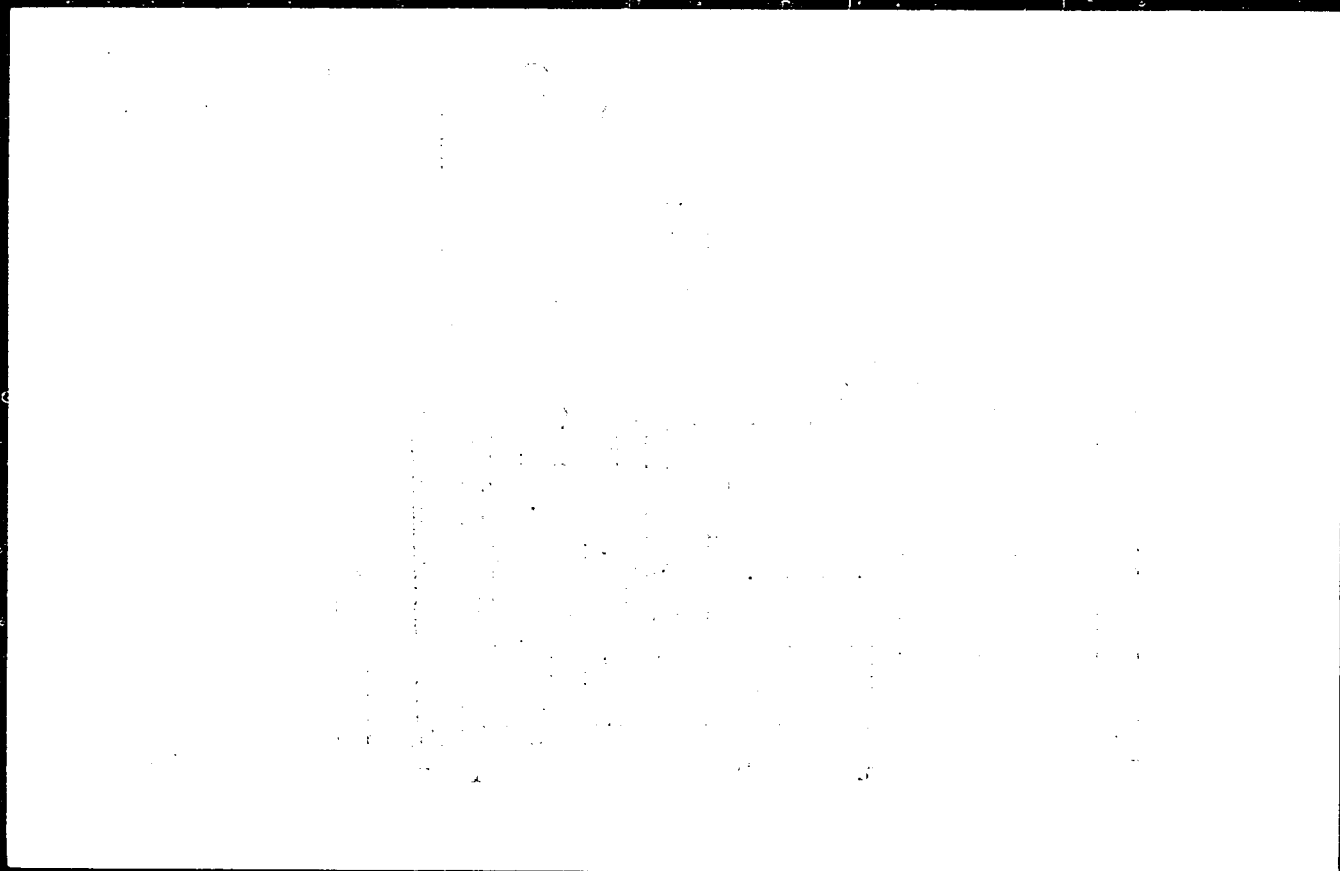
3. POSITION

4. PERIOD

5. DUTY

"APPROVED FOR RELEASE: 06/06/2000

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APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203710014-3"

Electrolysis of Lead Concentrates in Molten Salts

7/1/72  
DDP/1-2-20/72

Fig. A. Schematic diagram of the electrolyzer.  
(1) cathode (1.5 mm diam; 25 mm high; 11 g lead); (2) central shaft drive pump; (3) feeder for mixture of liquid electrolyte and molten electrolyte; (4) receiving tank; (5) canal for return of the electrolyzing metal to the pump; (6) outlet canal for the generated metal. (Abstract: Note: The units for the dimensions shown are given in the article.)

At present, a modified scheme is used, constructed for 1,000 amperes. From 7:0 to 1,000 amp (1,000 amp average) were used, depending upon the voltage and temperature. It had a graphitized anode of 100 mm diam and a flowing lead cathode with a surface area of about 1,000 cm<sup>2</sup>. The voltage in the cell from 7 to 11 V. Temperature of electrolyte was 450-500°C. Separation of metal from the slime takes place in receiver 4, from which the floating slime is removed

Card 5/9

Electrolysis of Concentrated in Molten  
Salt.

7/10/60  
100/100/100/100

with a scanning gun. The anode is formed with  
a lead (to dissolve the electrode, to melt, and  
then, after regulated in, to separate the anode),  
designed for lead systems, and protected with  
a lead oxide separator (lead oxide) and a lead  
separator of metallic lead and anode. The anode  
is further separated on the anode with a lead.  
Anode is formed in the anode, which is  
which is removed by forming a lead. The anode  
is formed. Tables 1 and 2 give details of the  
the process. Metallic lead is removed from the  
positive than lead (gold, silver, and aluminum) are  
removed and separated with the lead, while  
lead, copper, zinc, cadmium, and other metals and  
alloys are left in the anode. The anode is  
formed of lead, zinc, and other metals, the anode  
is formed in the anode, to form a uniform  
surface on the anode (before lead is added).  
The anode is formed with a uniform surface.

Electrolysis of Lead Concentrates in Molten Salts.

7764.

SOV/80-33-2-20/52

Table 1. Balance of lead in production of lead from sulfide concentrate by electrolysis in molten salts. (1) Material; (2) quantity (kg); (3) content of lead; (4) in %; (5) in kg; (6) distribution (%); (7) expenditure; (8) concentrate; (9) electrolyte; (10) total; (11) yield; (12) Metal--in form of: (13) ingots; (14) spatters; (15) sand and beads from the hydrocyclone; (16) table concentrates; (17) waste products--in form of : (18) intermediates; (19) table tailings; (20) table slime; (21) deviation.

Card 5/9

Table on Card 6/9 .

Electrolysis of Lead Concentrated in Molten  
Salt

770.5  
20V/1000-1000/12

| 1        | 2      | 3     | 4      | 5      | 6  |
|----------|--------|-------|--------|--------|----|
| 7        |        |       |        |        |    |
| 8.....   | 832.0  | 71.76 | 597.0  | 184    |    |
| 9.....   | 1.660  | --    | --     | --     | -- |
| 10.....  | --     | --    | 597.0  | 100    |    |
| 11       |        |       |        |        |    |
| 12.....  | --     | --    | 578.29 | 96.866 |    |
| 13.....  | --     | --    | 528.0  | 88.5   |    |
| 14.....  | 23.66  | 84.7  | 19.35  | 3.24   |    |
| 15.....  | 34.4   | 75.8  | 26.4   | 4.316  |    |
| 16.....  | 83.32  | 59.4  | 4.84   | 0.81   |    |
| 17.....  | 173.82 | --    | 19.68  | 3.196  |    |
| 18.....  | 3.57   | 16.6  | 0.79   | 0.099  |    |
| 19.....  | 2.15   | 13.4  | 0.29   | 0.079  |    |
| 20.....  | 168.1  | 10.8  | 18.2   | 3.058  |    |
|          | --     | --    | 0.37   | 0.062  |    |
| Card 6/9 | 10     |       | 597.0  | 100    |    |

Electrolysis of Lead Concentrate in Molten Salts

77/1  
SST 1-115-1-10/02

Table 2. Chemical composition of starting, intermediate, and final products in production of lead from its concentrate by electrolysis in molten salts in a semi-plant electrolyzer. (a) Products; (b) chemical composition (in %): (1) concentrate; (2) lead; (3) anode from the igniting stage; (4) table concentrate; (5) table intermediate; (6) table tailings; (7) table slime.

Card 7/11

Table 2. Continued.

Electrolytic Cell: Concentration of  $H_2SO_4$  100%

Table 1.

| Q  | 2    |     |      |      |      |      |      |      |      |      |
|----|------|-----|------|------|------|------|------|------|------|------|
|    | 1    | 2   | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| 1  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 2  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 3  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 4  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 5  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 6  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 7  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 8  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 9  | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 10 | 74.5 | 100 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |

( $H_2SO_4$ ) solution. Add 100 g of  $H_2SO_4$  to 100 g of chlorides. Support the solution in a glass container and stir by means of a glass rod. The solution, while being stirred, is placed in a glass solution, is returned to the electrolytic cell.

End of

Electrolysis of Lead Concentration in Molten  
Salts

770

DDF 10-53-2-20/52

sulfate. Electrolyte composed from sodium chloride and sulfate was tested. It has advantages in cost and safety. With a high lead power is used due to high electric conductivity; and no free chlorine is evolved on the anode in starting the electrolyzer and in case of accidental interruption in feed. There are 1 figure; 2 tables; and 6 references, 2 Soviet, 1 German, 2 U.K., 1 U.S. The U.K. and U.S. references are: G. B. Richardson, Bl. Inst. Min. and Metall., December 1937, January, August 1937; A. W. Schleicher, Eng. and Min. J., 190, 112-116 (1949); B. R. Nijawen, Eastern Eng. Rev., 111, 27, 636 (1956).

SUBMITTED: January 26, 1959

Card 1/1

BARSEGYANTS, L.O.

Establishing the presence of saliva in stains in legal medical studies. Sud.-med.ekspert. 3 no.4:26-30 O-D '60. (MIRA 13:11)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny Ministerstva zdravookhraneniya SSSR (dir. - zasluzhennyy deyatel' nauki RSFSR prof. V.I.Prozorovskiy).

(SALIVA)

(CHEMISTRY, LEGAL)

BRONNIKOVA, M.A.; BARSEGYANTS, L.O.

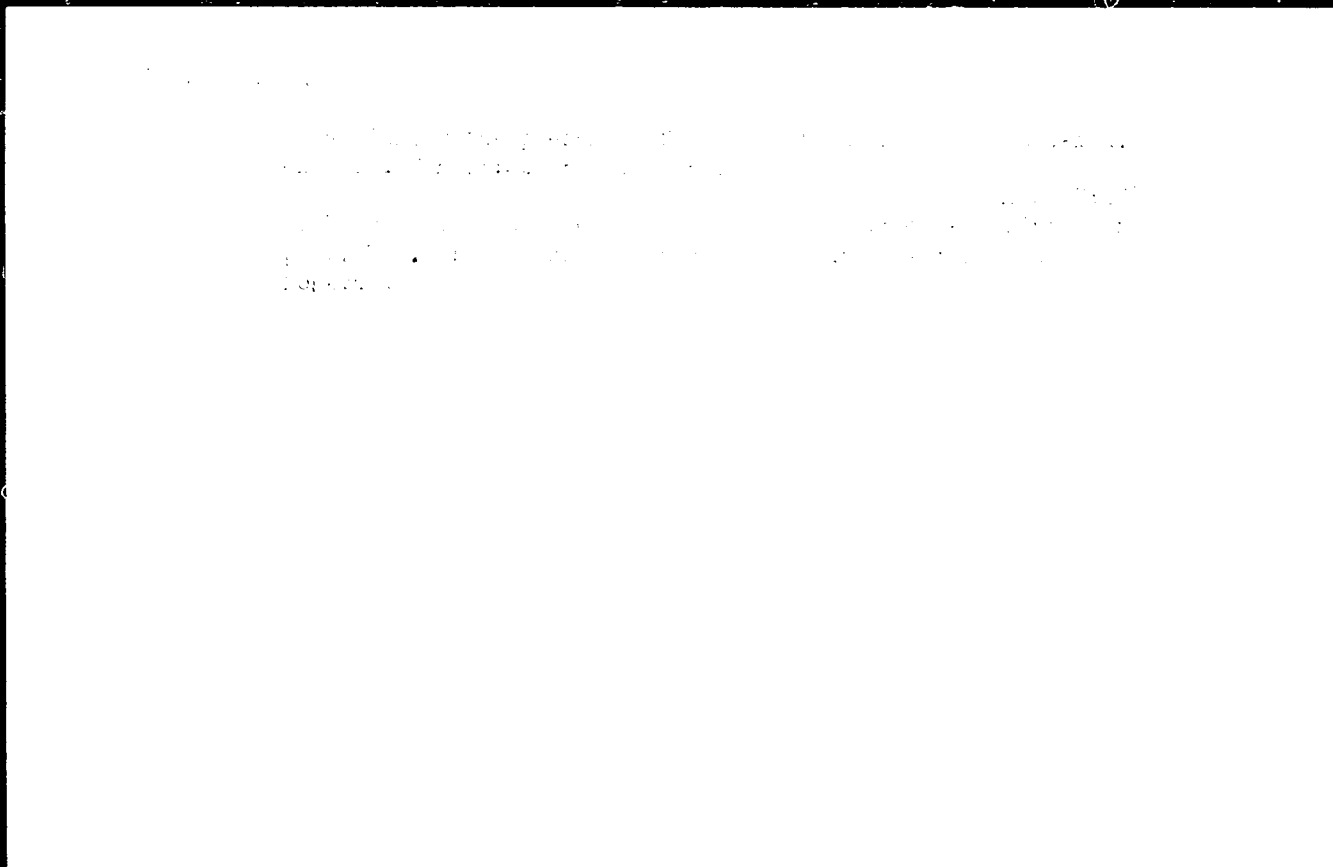
Presence of the Kell (K) group factor in the blood of residents of Moscow. Sud.-med. ekspert. 3 no.3:52-54 J1-S '60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny dir. - prof. V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR.  
(MOSCOW--BLOOD GROUPS) (AGGLUTINOGENS)

BARSEGYANTS, L.O.

Detection of saliva in stains on soiled objects and in traces with  
an admixture of blood. Sud.-med.ekspert. 5 no.3:34-38 J1-S '62.  
(MIRA 15:9)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir.-  
prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.  
(SALIVA) (AMYLASE)



BARNEGYANTS, L.O.

Simultaneous and combined determination of the presence and  
species of human sperm. Sud.-med. ekspert. no. 1:31-36 0-0  
'65. (MIRA 18:1.)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny  
(direktor - prof. V.I. Prozorovskiy) Ministerstva pravoochra-  
neniya SSSR, Moskva. Submitted December 19, 1964.

BARSEGYANTS, R. G.

BARSEGYANTS, R. G.: "Investigation of the temperature field of a lathe cutter."  
Min Higher Education USSR. Moscow Order of Lenin and  
Order of Labor Red Banner Higher Technical School imeni  
Bavman. Moscow, 1956  
(Dissertation for the Degree of Candidate in Technical Sciences)

So: 'Knizhnaya letopis', No. 18, 1956

BARSEGYANTS, R.O., kand. tekhn. nauk, assistant

Determining the quantity of heat absorbed by cutting tools.

Izv. vys. ucheb. zav.; mashinostr. no.11/12:153-164 '58.

(MIRA 13:3)

1. Moskovskoye vyssheye uchilishche im. Baumana.  
(Metal cutting)

SOV/145-59-1-16/21

9(2,3)

AUTHOR:

Barsegyants, R.O., Candidate of Technical Sciences

TITLE:

Methods of Fastening Artificial Thermocouples to Bodies for Investigating Their Temperature Fields

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy, Mashinostroyeniye, 1959, Nr 1, pp 136-141 (USSR)

ABSTRACT:

Spot welding of thermocouples is recommended for increasing the accuracy of temperature measurements during a cutting process. The author discusses in this connection the principal methods of fastening thermocouples to a body whose temperature is to be measured. It is shown that the value of the temperature measured depends on the force of pressing at the thermocouple junction, the type of thermocouple and the material of the heated body, i.e. the conventional method produces errors which are difficult to eliminate. The influence of the force of pressing the thermocouple junction to the heated body was investigated on a device, shown in Fig 1. A GNKP pyrometric voltmeter was used for these measurements. For investigating the influence of the heat-

Card 1/2

SOV/145-59-1-16/21

Methods of Fastening Artificial Thermocouples to Bodies for Investigating Their Temperature Fields

ed body disks of 20, U12A and R18 steels and ordinary copper were used. The results are shown in a table. The author describes briefly the spot welding of thermocouples to T15K6 and T5K10 alloy cutting tips. The spot welding device was suggested by Candidate of Technical Sciences Pugin, a worker of the Institut metallurgii AN SSSR (Institute of Metallurgy of the USSR AS). Its circuit diagram is shown in Fig 3, while Figs 4 and 5 show photographs of this device. There are 2 photographs, 1 circuit diagram, 1 diagram, 3 graphs and 1 table.

ASSOCIATION: MVTU imeni Baumana (MVTU imeni Bauman) ✓

SUBMITTED: October 10, 1958

Card 2/2

BARCEL', A.

Barcel', A. "On the basis of water, steel, and other resources," *Trav. Industrials*, 1944, No. 1, p. 14-17.

SC: H-1042, 11 March 44, (Leto in *Trav. Industrials*, No. 10, 1944).

BARSEL', V.A.

Distribution of nephrolithiasis under arctic conditions. Urologiia no.4:17-20 '61. (MIRA 14:11)

1. Iz urologicheskogo otdeleniya Murmanskoy oblastnoy bol'nitsy (glavnyy vrach Z. Macharashvili).  
(RUSSIA, NORTHERN--CALCULI, URINARY)

W. R. G. S. S.

[illegible][illegible][illegible]

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C. 20250

<sup>a</sup>Observations taken at the University of Illinois, Urbana, Ill., U.S.A.

Materials presented at First Meeting: Permanent collection of Earth Videos, Thelma, July, 1992, 1993, 1994, under the sponsorship of the Int. Union of Geology and Geophysics (IUGG).

3/03/61/000/004/036/058  
A001/A101

AUTHORS: Pariyskiy, N.N., Pertsov, B.P., Gridnev, D.G., Kramer, M.V., Barsenkov, S.N.,

TITLE: Gravity tidal variations at Alma-Ata

PERIODICAL: Referativnyi zhurnal, Astronomiya i Geofizika, no. 4, 1961, 36, abstract 46249 (V sh. "Gravimetr. issledovaniya", no. 1, Moscow, AN SSSR, 1960, 27 - 33, Engl. summary)

TEXT: Observations of gravity tidal variations were conducted at the Astrophysical Institute, 6 km from Alma-Ata. Two GS-11 gravimeters were used in observations which continued from October 1958 to May 1959. Harmonic analysis of the first five monthly series of observations yielded the following values of the quantities sought for  $\delta = 1-3/2k+h$  and phase shifts  $\Delta\varphi$ : from diurnal waves  $-\delta = 1.131 \pm 0.006, \Delta\varphi = 0.6 \pm 0.04$ ; from semidiurnal waves  $-\delta = 1.160 \pm 0.008, \Delta\varphi = +0.1 \pm 0.03$ .

B. Pertsov

[Abstracter's note: Complete translation]

Card 1/1

KAMALYAN, G.V.; GASPARYAN, M.G.; BARSERYAN, G.V.

Effect of colamine and some of its derivatives on glycogenolysis.  
Izv.AN Arm.SSR. Biol.nauki 13 no.9:61-64 S '60. (MIRA 13:11)

1. Kafedra biokhimii Yerevanskogo zooveterinarnogo instituta.  
(ETHANOL)  
(GLYCOGEN)

BARSH, Y. M.

Barsh, Y. M. -- "Taking Account of the Adhesive-Plastic Properties of Rubber Mixtures in Calculating Cylinders." Min Higher Education USSR. Moscow Technical Inst of Light Industry (Inst L. S. Kabanovich. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Science)

See: Trichnaya letisl., No 1, 1956

SOV/124-57-5-5637

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 77 (USSR)

AUTHORS: Barsh, K. N., Mavzel', M. M

TITLE: The Simulation of the Slotted Cross-section of Channels for the Draining of a Rubbery Mixture (Modelirovaniye shchelevogo poperechnogo sечeniya kanalov dlya istecheniya rezirovoy smesi)

PERIODICAL: Nauch. tr. Mosk. tekhnol. inst. legkoy prom-st., 1956, Nr 7, pp 92-99

ABSTRACT: Bibliographic entry

Card 1/1

BARSH, K.N., kand. tekhn. nauk.

Effect of rheologic properties of rubber composition on thrust stresses in mill rolls. Izv.vys.ucheb.zav.; tekhn.prom. no.4: 89-97 '58. (MIRA 11:12)

1. Moskovskiy tekhnologicheskoy institut legkoy promyshlennosti.  
(Rubber) (Milling machinery)

DAMASKIN, B. I., doktor tekhn.nauk, prof.; BARSH, K. N., kand.tekhn.nauk,  
dots.

Cooperating with production. Kozh.obuv.prom. 2 no.4:6-8 Ap '60.  
(MIRA 13:9)

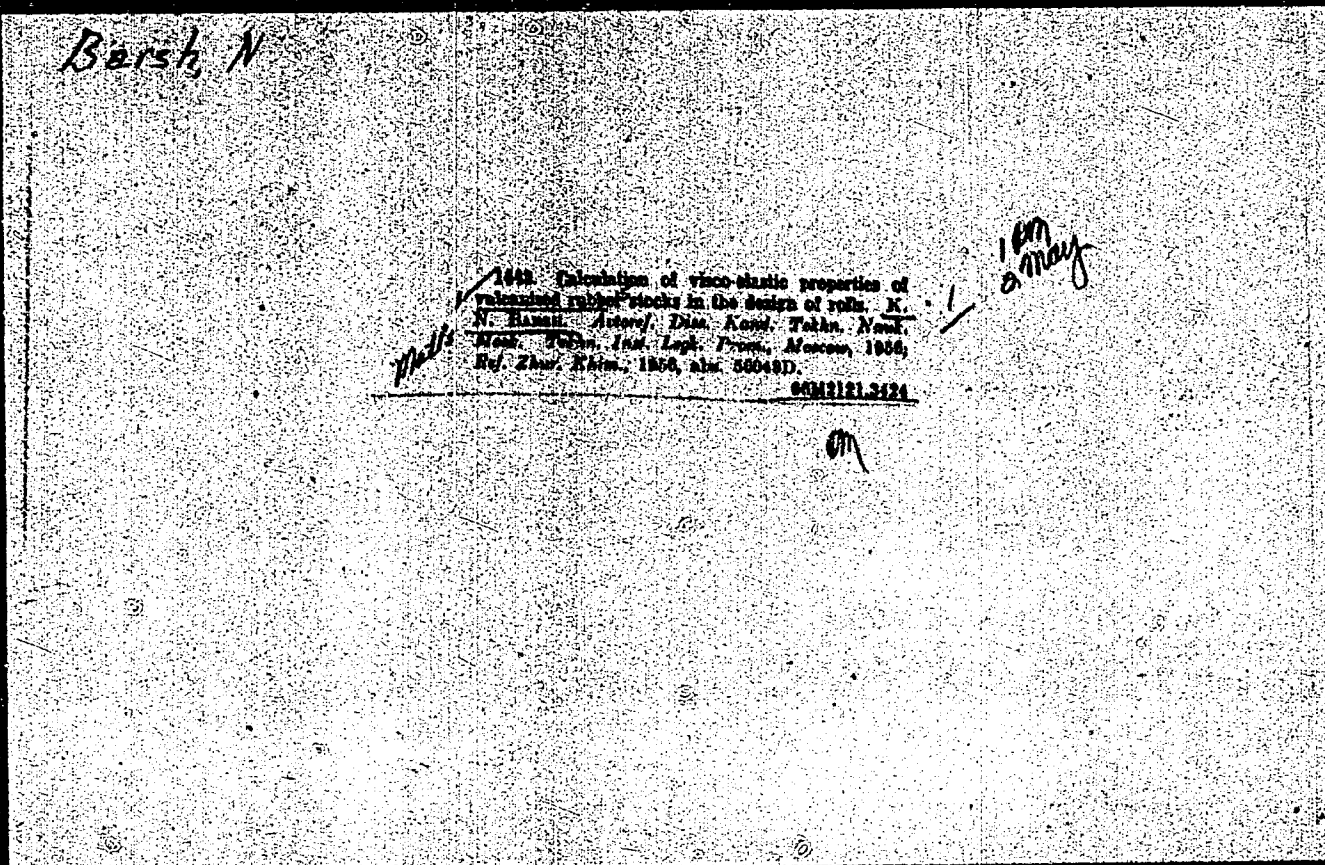
(Shoe manufacture)

доктор, к.т.н., доктор техн. наук, проф. БАШН, К.Н., канд. техн.  
наук, к.т.н.

including material conveyors in shoe manufacture. Nachsch. trudy  
MILP 1954, 1955. (MIRA 16:7)

1. Katedra fiziko-matematskogo tekhnologicheskogo inzhenerstva i kognitsionnoy reshenemosti.

Industry—Equipment and supplies)



BARSHADSKIY, A.A.

Tremor symptom in large cysts of the omentum in children.  
Khirurgia 35 no.4:125-127 Ap '59. (MIRA 12:8)

1. Iz kliniki detskoy khirurgii (zav. - prof. S.D.Ternovskiy)  
II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova na  
baze Detskoy klinicheskoy bol'nitsy imeni Filatova (glavnyy  
vrach M.N.Kalugina).

(OMENTUM, cysts

shivering sympt. in large cysts in child.  
(Rus))

(TREMOR, in various dis.

shivering sympt. in large omental cysts  
in child. (Rus))

BARSHAI, S. Ye.

Equalizing directions of the central systems with an additional  
diagonal. Izv. AN BSSR. no4:161-169 J1-Ag '53. (MLRA 9:1)  
(Triangulation)

BARSHAK, I.

Mechanization of a warehouse with bale goods. Sov. torg. 35  
no.12:43-44 D '61. (MIRA 14:11)

(Warehouses)

(Textile industry)

BARSHAK, I.S.

Over-all mechanization with partial automation of a wholesale  
textile warehouse for baled goods. Biul. tekhn.-ekon.inform.Gos.  
nauch.-issl.inst.nauch. i tekhn.inform. 16 no.11:64-67 '63.  
(MIRA 16:11)

BAPSHAK, I.V., inzh.; PRIBYLOV, E.P., kand.tekhn.nauk

Improving the quality of cross-rolled drills. Nov.tekh.izg.  
instr. no.2:18-26 '61. (MIPA 15:8)  
(Twist drills) (Metalwork)

VOYNILOVICH, Ye.A., glavnyy metodist; PARTS, Ya.Yu.; ~~BARSHAK, O.G.~~ otvetstvennyy redaktor

[The "Estonia S.S.R." pavilion; a guidebook] Pavil'on "Estonskaia SSR"; putevocitel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 25 p. (MLRA 9:12)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Direktor pavil'ona (for Parts)  
(Estonia--Agriculture) (Moscow--Agricultural exhibitions)

BARSHAK, Petr Borisovich [deceased]; GAFNER, Lev Andreyevich;  
DENISENKOVA, L.M., red.; GOLUBKOVA, L.A., tekhn. red.

[Preparing grain for milling at a mill] Podgotovka zerna k  
pomolu na mol'nitse. Moskva, Zagotizdat, 1961. 82 p.  
(MIRA 15:11)

(Grain handling)

BARSHALOVICH, D. A.

"Investigations of Fine and Hyperfine Structure of Nuclear Spectra."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22  
Feb 64.

FTI (Physico Technical Inst)

BARSHANSKIY, P.Ye.

"Light Dispersion in Crystalline Hydroxides and the Hydrogen Bond,"  
Dept. Physico-Math. Sci. 1947 (Spectroscopy)

Spectroscopy Optics Lab., Physics Inst, in. P.N. Lebedev, Dept of  
Physico-Math. Sci., Acad. Sci. 1947

9.6 20  
9.3280

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S/120/62/000/006/017/029  
E192/E382

AUTHORS: Eydukas, D.Yu. and Barshauskas, K.I.

TITLE: Measuring pulse-generators for investigation of the transient characteristics of semiconductor diodes

PERIODICAL: Pribory i tekhnika eksperimenta, no. 6, 1962,  
88 - 94

TEXT: The following method of generating current (voltage) pulses was adopted: first, a voltage pulse of given duration  $\tau$  is formed and then the required current or voltage pulse is generated. This is done by using a driver pulse source to actuate a circuit for forming the rise time of the pulse; this circuit produces a pulse with a given rise time ( 5 - 10 ns). Simultaneously, the driver pulse is applied to a delay line and then to a circuit which forms the decay edge of the pulse; this circuit produces a signal of opposite polarity whose position corresponds to the duration of the pulse to be generated. The pulses of opposite polarities determining the leading and trailing edges of the pulse are added and a pulse of required duration is obtained. This is then applied to a forming circuit which produces an output

Card 1/2

Measuring pulse-generators ....

S/120/62/000/006/017/029  
E192/E382

current (voltage) pulse of the required amplitude and duration and  $\tau_1 = \tau_2 = 5 - 10$  ns. This method was used to design several pulse-current generators producing positive and negative pulses having an amplitude from 1 mA to 5 A and duration of 0.1 - 2  $\mu$ s. Similar voltage-pulse generators of 1-2 ohm or 20 - 30 ohm output resistance and with amplitudes of 0.1 - 5 or 1 - 200 V were designed. A double-pulse generator producing a positive current pulse, followed by a negative voltage pulse, or vice versa, and having the same performance parameters as the above generators was also built. The transition time between the top of the current pulse and the maximum amplitude of the voltage pulse in this generator was 7 - 15 ns. The generators were tested experimentally and were used to measure the rise time, storage times and pulse-resistance of a number of semiconductor diodes. The generators could be operated at frequencies up to 200 kc/s. There are 7 figures and 5 tables.

ASSOCIATION: Kaunasskiy politekhnicheskii institut (Kaunas Polytechnical Institute)  
SUBMITTED: January 18, 1962  
Card 2/2

BARSIAUSKAS, K. [Barsauskas, K.]; ILGUNAS, V.; KUBILYUNENE, O.  
[Kubiliūnienė, O.]

Measurement of ultrasonic dispersion in liquids using the  
interferometric method. Akust. zhur. 10 no.1:25-29 '64.  
(MIRA 17:5)

1. Kaunasskiy politekhnicheskiy institut.

L 30079-65 ENT(x)/EMA(d)/T/EMP(t)/ENT(x)/SWP(b) IJP(c) JD/HV

ACCESSION NR: AT5002021

8/2910/64/004/003/0389/0397

AUTHOR: Barabaukas, K. M. (Barabaukas, K.); Mendoryus, R. A. (Mendorius, R.);  
Samsdy, Ya. A. (Semionovs, J.); Shileyka, A. M. (Shileika, A.)

TITLE: Effect of hydrostatic pressure on the transmission spectrum of lead sulfide

SOURCE: AN LitSSR. Litovskiy fizicheskij sbornik, v. 4, no. 3, 1964, 389-397

TOPIC TAGS: lead sulfide, transmission spectrum, forbidden zone, semiconductor, temperature coefficient, hydrostatic pressure

ABSTRACT: The authors investigated the effect of pressure (change of the lattice constant) on the width of the forbidden zone in PbS as well as the change in the width of the forbidden zone as a function of temperature  $(\partial E / \partial T)_P$ . The investigation was carried out by a study of the transmission spectra of PbS at different pressures. Knowing  $(\partial E / \partial P)_T$ , it is possible to calculate the role of the width of the forbidden zone. The article also describes a high pressure chamber for optical measurements (see Fig. 1 of the Enclosure). The pressure in the chamber was measured with a manganin manometer and optical measurements were carried out by means of an IKS-12 infrared spectrometer. The samples were 0.17 - 0.50 mm thick plates of natural galena. The investigated single crystal specimens were the p-type. The transmission spectrum for a natural PbS single crystal at differ-

L 30079-65

ACCESSION NR: AT5002021

3

ent pressures is shown in Figure 2 of the Enclosure. The pressures were as high as 3000 kg/cm<sup>2</sup>. From the rate of change in the edge of the transmission spectrum with pressure toward longer wavelengths, the coefficient of change of the forbidden zone with pressure was found to be  $(\partial \epsilon / \partial p)_\lambda = (9.5 \pm 0.8) \cdot 10^{-6} \text{ ev} \cdot \text{cm}^2 / \text{kg}$ . On the basis of the results obtained, the possible causes for the positive temperature coefficient of the forbidden zone are outlined. With increasing pressure, an increased absorption was observed which is due to free carriers. The authors are grateful to V. B. Tolmachev for furnishing the natural FeS single crystals for the optical measurements. The work has 3 formulas, 3 figures and 1 table.

ASSOCIATION: Institute of Physics, Lithuanian Academy of Sciences, Vilnius, Lithuanian SSR (Physics and Mathematics Institute, Academy of Sciences, Lithuanian SSR); Ramanasky Polytechnical Institute (Komsomolsky Polytechnical Institute)

SUBMITTED: 25 Dec 63

ENCL: 02

SUB CODE: 85

NO REF BOV: 003

OTHER: 013

Cord 2/4

L 30079-65

ACCESSION NR: AT5002021

ENCLOSURE: 01

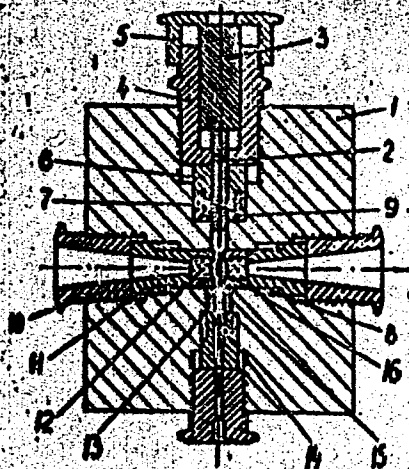


Figure 1. Schematic view of a high pressure chamber:  
 1 - housing; 2-piston; 3- guide; 4, 10-grip nut; 5- lock nut; 6, 11- pressure rings;  
 7, 8- gaskets; 9- carrier ring; 12- fixed quartz window; 13- manganin; 14- electric  
 input; 15- crystal holder; 16- crystal.

Cord 3/4

L 30079-65

ACCESSION NR: AT5002021

ENCLOSURE: 02

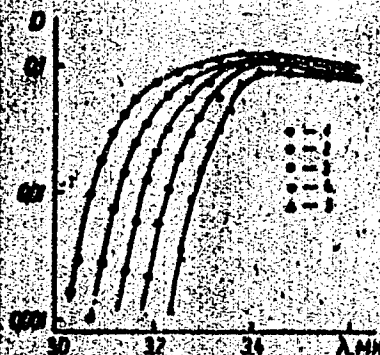


Figure 2. Transmission spectrum of natural PbS single crystals at different pressures:  
1- 1, 2- 700, 3- 1400, 4- 2000, and 5- 2750 kg/cm<sup>2</sup>.

Card 4/4

PLESHAKOV, Anatoliy Illarionovich; BARSHAY, G.S., redaktor; PETROVA, E.A.,  
redaktor; TROFIMOV, A.V., ~~tekhnicheskii~~ redaktor.

[Advanced experience in the repair of turbine drills] Peredovoi opyt  
remonta turboburov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i  
gotno-toplivnoi lit-ry, 1955. 78 p. (MLRA 9:4)  
(Drilling and boring machinery)

BARSHAY, Georgiy Sergeyevich; BUYANOVSKIY, Naum Il'ich; GEL'FGAT, Ya.A.,  
redaktor; PETROVA, Ye.A., vedushchiy redaktor; POLOSIHA, A.S.,  
tekhnicheskiy redaktor

[The technique of rapid turbodrilling] Tekhnika skorostnogo  
turbinnogo bureniia. Moskva, Gos.nauchno-tekhn. izd-vo neftianoi  
i gorno-toplivnoi lit-ry, 1956. 333 p. (MIRA 9:8)  
(Turbodrills)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,  
p 198 (USSR) 15-57-4-5512

AUTHOR: Barshay, G. S.

TITLE: Turbine Drilling Without Removing the Drilling Column  
from the Well (Turbinnoye burneniye bez pod'yema trub)

PERIODICAL: Novosti nef. tekhn. Neftepromysl. delo, 1956, Nr 7,  
pp 18-21

ABSTRACT: The USSR Scientific Research Institute for Drilling  
of Petroleum and Gas Wells has developed a new method  
of replacing drill bits without removing the drilling  
column from the well. The turbine drill is lowered  
and raised along pipes which are let down into the  
well. The pipes are of large diameter with a smooth  
inner surface. A special overshot is lowered into  
the column by cable to draw up the drill. A perfo-  
rated connecting pipe is mounted on the upper part of

Card 1/2

15-57-4-5512

Turbine Drilling Without Removing the Drilling Column (Cont.)

the column to decrease the strain on the cable. A special two-cone drill is used in this work. This drill turns hydraulically from a vertical (transportation) position to a horizontal (operating) position by means of a swivel mechanism. Maximum depth cut per drill bit is 90 m; the maximum rate of drilling is 45 m/hr. About 30 minutes is required to raise and lower the drill from a depth of 1000 m. A diagram shows the method of getting the drill bit into working position. Inadequacies of the tested drill model are pointed out and possibilities for its improvement are noted.

Card 2/2

M. G. M.

BARSHAY, GEORGIY SERGEYEVICH

GUSMAN, Mikhail Timofeyevich; BARSHAY, Georgiy Sergeyevich; FEDCHENKO, V.,  
red.; SHUVALOV, I., tekhn.red.

[Turbodrills] Turbobur. [Moskva] Izd-vo TsK VLKSM "Molodsha gvardiya,"  
1957. 60 p. (MIRA 11:2)  
(Turbodrills)

SAPOZHNIKOV, Vladimir Stepanovich; BARSHAY, G.S., red.; PETROVA,  
Ye.A., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Repair of turbodrills] Remont ruboburov. Moskva, Gos.  
nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry,  
1959. 94 p. (MIRA 12:7)  
(Turbodrills--Maintenance and repair)

BARSHAY, G.; DOBKIN, V.

Plastic turbodrill turbine. Izv. vys. ucheb. zav.; neft' i gaz  
2 no.8:8 '59. (MIRA 12:11)

(Plastics) (Turbodrills)

BARSHAY, Georgiy Sergeyevich; BUYANOVSKIY, Naum Il'ich; GEL'FGAT, Ya.A.,  
red.; PETROVA, Ye.A.; vedushchiy red.; POLOSINA, A.S., tekhn.  
red.

[Theory and practice of turbodrilling] Teoriia i praktika turbin-  
nogo bureniia. Moskva, Gos. nauchno-tekhn. izd-vo nef. i gorno-  
toplivnoi lit-ry, 1961. 413 p. (MIRA 14:8)  
(Turbodrills)

BARSHAY, G.S.; BUYANOVSKIY, N.I.; GEL'FGAT, Ya.A.; GRYZOV, I.S.

Test ratings of turbodrilling without raising pipes. Neft.  
khoz. 40 no.6:11-13 Je '62. (MIRA 15:6)  
(Turbodrills) (Oil well drilling)

GUSMAN, M.T.; LYUBIMOV, B.G.; BARSHAY, G.S.

Possibilities of increasing the torque in sectionalizing  
turbodrills. Neft. khoz. 40 no.11:12-16 N '62.  
(MIRA 16:7)

(Turbodrills) (Torque)

BARSHAY, G.S.; BULAKH, G.I.; GUSMAN, M.T.

Use of jet bits in turbodrilling. Neft.khoz. 39 no.1:8-13 1 Ja  
'61. (MIRA 17:3)

LEVITIN, Isidor Borisovich; LEONT'YEV, Aleksandr Sergeyevich;  
MESHKOV, V.V., ~~doktor~~ tekhn. nauk, retsenzent; BARSHAY,  
M.M., inzh., retsenzent; DUBOVIK, V.A., nauchnyy red.;  
GOLUBEVA, N.P., red.; FRUMKIN, P.S., tekhn. red.

[Lighting engineering on ships] Sudovaya svetotekhnika.  
Leningrad, Sudpromgiz, 1963. 300 p. (MIRA 16:5)  
(Electric lighting of ships)

BOYTSOV, Aleksandr Yevgen'yevich; ZABELOTSKIY, A.I., retsengent;  
BARSHAY, M.M., nauchnyy red.; KLIMINA, Ye.V., red.izd-ya;  
KRASOVA, N.V., tekhn. red.; KRYAKOVA, D.M., tekhn. red.

[Lighting equipment of ships] Sudovaia svetotekhnika. Izd.2.,  
dop. i perer. Leningrad, Sudpromgiz, 1963. 242 p. (MIRA 16:6)  
(Ships' lights) (Electricity on ships)

BARSHAY, M.S., aspirant

Some characteristics of knit outerwear made from a blend of wool yarn and lavsan. Tekst.prom. 23 no.5:25-29 My '63. (MIRA 16:5)

1. Kafedra tekhnologii trikotazhnogo proizvodstva Moskovskogo tekstil'nogo instituta.

(Knit goods) (Textile fibers, Synthetic)

BARSHAY, M.S., aspirant

Some characteristics of knit goods made from a blend of wool yarn and lavsan. Tekst.prom. 24 no.1:58-60 Ja '64. (MIRA 19:3)

1. Kafedra tekhnologii trikotazhnogo proizvodstva Moskovskogo tekstil'nogo instituta.

B. L. W. S. Y. E.

G. L. W. S. Y. E. (1961)

Int. J. Radiat. Biol. No. 3, 1963, pp 161-169

Reproduction of the Int. J. Radiat. Biol. on a microfilm of

For all the other articles, the Int. J. Radiat. Biol. is revised,  
with the Int. J. Radiat. Biol. and the Int. J. Radiat. Biol. as the first period.

SS: Int. J. Radiat. Biol. -- Int. J. Radiat. Biol. No. 3, 1963 (1-30/67)

Handwritten: H. H. H.

| 16(1): 36(1,2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PLAGE 1 BOOK EXPLANATION | 507/1899         |
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| Academy book Mathematics. Institute of Mathematics.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                  |
| Trudy, 779. 2. (Transactions of the Institute of Physics and Mathematics, Mathematics Academy of Sciences, Br. 2) Moscow, 1977. 207 p. Serially issued. 750 copies printed.                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                  |
| Ed. B. I. Stepanov, Leningrad, 1978. Academy of Sciences. M. of Publishing House: S. Markin, Tech. Ed. I. Volskoyevich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                  |
| REMARKS: This book is intended for mathematicians, physicists, and graduate students in mathematics and physics.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                  |
| COPYRIGHT: This book contains a series of articles on recent contributions by members of the Institute of Mathematics (Institute of Physics and Mathematics) of the Academy of Sciences, USSR, in the fields of radiation, luminescence, optics, and spectroscopy and on the applications of physics of analysis, tensor analysis, linear groups, theory of adjointness, and differential equations. The first article contains a brief account of the work of the Institute, including names of scientists and mathematicians connected with it, facilities, scientific accomplishments, and fields of interest. |                          |                  |
| Transactions of the Institute (cont.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 507/1899                 |                  |
| Martynov, L. P. Determination of the Weight of a Function of Adjusted Values Using Model Method of Adjustment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | 267              |
| Barabiy, B. Ye. General Formulas and Diagrams for the Adjustment of Deviations in a Central System with Diagonal Observed in Two Ways                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          | 272              |
| REMARKS: Library of Congress (Sci. AB6A5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                  |
| Card 5/5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          | 12/21<br>8-13-99 |

BARSHAY, S.Ye.

General formulas and forms for equalizing directions in a central system with a bilaterally observed diagonal. Trudy Inst. fiz. i mat. AN BSSR no.2:272-283 ' 57. (MIRA 12:1)  
(Surveying--Tables, etc.)

BARSHAY, S.Ye., dots., kand. tekhn. nauk

Change-over from Gauss-Kruger coordinates to geodetic and back  
to graphic methods. Sbor. nauch. trud. BLTI no. 10: 359-364 '57.  
(MIRA 11:12)

(Coordinates) (Geodesy)

BARSHAY, S.Ye.

Traversing with markers affixed to vertical structures.

Trudy Inst.fiz.i mat.AN BSSR no.3:236-243 '59.

(MIRA 13:4)

(Surveying)

BARSHAY, Semen Yefimovich; RYAZANOV, V.P., dotsent, red.; VASIL'YEVA,  
V.I., red.izd-va; ROMANOVA, V.V., tekhn.red.

[Adjustment of type figures in triangulation by the use of  
formulas] Uravnoveshivanie tipovykh figur triangulatsii po  
gotovym formulam. Moskva, Izd-vo geod.lit-ry, 1960. 150 p.  
(Triangulation) (MIRA 13:7)

S/035/62/000/010/095/128  
A001/A101

AUTHOR: Barshay, S. Ye.

TITLE: Construction and measurement of angles on a plan using chords

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 10, 1962, 20, abstract 10G99 ("Nauchn. inform. Belorussk. tekhnol. in-t. Ser. obshchetechn", Minsk, 1961, 13 - 17)

TEXT: The author notes that in graphical works on topographic plans, angles are constructed and measured more precisely by chords of arcs drawn with definite radii, than with a protractor. Tables are given which yield chord length as a function of angle magnitude expressed in degrees and grads; the chord length is given in large divisions of a dimension scale, in which a 2-cm (with three decimals) section is adopted as the basis of the scale. Fractions of grads are found from the graph. Use of the tables is illustrated by examples.

I. Sh.

[Abstracter's note: Complete translation]

Card 1/1

BARSHAY, Ya.A., inzh.

Underwater television on a floating dock. Biol. tekhn.-ekon. inform.  
Tekhn. upr. Min. mor. flota 7 no.6:68-74 '62. (MLA 16:4)

1. Kanonerskiy sudoremontnyy zavod.  
(Underwater television) (Floating docks)

L 38098-67 EWT(1) GW

ACC NR: AP6029965

(N)

SOURCE CODE: UR/0413/66/000/015/0151/0152

INVENTOR: Barshay, Ya. A.; Vysokorodov, N. S.; Gindin, V. I.; Golovin, N. A.;  
Belenskiy, S. I.; Indin, I. M.; Levit, G. A.; Petrov, P. P.; Smirnov, A. M.

ORG: none

TITLE: Installations for underwater television inspection of the docking assembly and the bottom of ships. Class 65, No. 184645 /announced by Gunboat Repair Plant, Baltic Sea Steamship Line, Ministry of the Navy, SSSR (Kanonerskiy sudoremontnyy zavod Baltyskogo morskogo parokhodstva Ministerstva morskogo flota SSSR)7

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 151-152

TOPIC TAGS: underwater camera, floating dry dock, TV camera, remote control

ABSTRACT: An Author Certificate has been issued for an installation for the underwater television inspection of the dock assembly and the bottom of a ship while docking includes a remote-controlled television camera with a transmitting cathode-ray tube in a hermetic casing and an electric cable for power supply and signaling. The television camera is mounted on a remote-controlled self-propelled carriage provided with an electric drive, rollers for moving on vertical and horizontal monorails along the wall and floor of the dock, and a switch remotely controlled by a block-and-tackle system. Orig. art. has: 1 figure. [GE]

SUB CODE: 14, 13, 09/ SUBM DATE: 21Aug64

Card 1/1

UDC: 629.128.6: 621.397.13

BARSHAY, Ye.Ya.

Diagnostic significance of the aldolase test in epidemic hepatitis. Lab. delo. no.1:20-21 '65. (MIRA 18:1)

1. Bakteriologicheskiy otel Tul'skoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

BAREHCH, L.I.; KLIMONOVA, A.V.

Organizing outings for two-to-three-year-old children in day  
nurseries during the fall, winter and spring. Med.sestra 17  
no.3:30-33 Mr '58. (MIRA 11:4)  
(DAY NURSERIES) (GAMES)