

SHERIDAN, S.A., hand. techn. cult.

Engl. mach. techn. cult. road, coach roads. Avt. dor. 24  
(MFA 14:10)  
(Road construction)

SHIMEL'FENIG, S., kand.tekhn.nauk

More simple and precise solution. Avt.dor. 25 no.1:32 Ja '62.  
(MIRA 15:2)

(Roads--Design)

SHIMEL'FENIG, S.A.; VARYAGIN, K.Yu.

Regimes for the consumption of gas by the population and the municipal sector of cities. Gaz.prom. 10 no.5: 8-21 '65.

(MIRA 18:6)

СКОЛОВ, В.А., канд. техн. наук, ШИМЕЛЬФЕНГО, С.А., канд. техн. наук

Practices in determining household gas consumption norms.  
Ispol'. gaza v nar. khoz. no.2.159-162 '63. (MIPA 1849)

1. Laboratoriya tekhniko-ekonomicheskikh izyazheniy Saratovskogo  
gosudarstvennogo nauchno-issledovatel'skogo i proyektirovannogo  
instituta po ispol'zovaniyu gaza v narodnom khozyaystve

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SHIMEL'FENIG, S.A.

Conditions governing gas consumption in city bathhouses and  
laundries. Gaz. prom. 9 no.7:35-36 '64. (MIRA 17:8)

SHIML'FENIG, S.A.

Using the theory of probability to determine the simultaneity  
factors of gas consumption. Gaz. proc. 9 no.9:36-37 '64. (MIRA 17:10)

SHKEL'FENIG, V. A.

Shkel'fenig, V. A. "Modernization of the 15-horse power two-cycle internal combustion Diesel engine", Sbornik soob. dokladov, Sarat. gos. nauch.-tekhn. inst-tsit. predpriyatiy mashinostroyt. i metallobrabot. prom-sti, Saratov, 1979, p. 112-18.

So: 0-3261, 10 April 79, (Letopis 'Zhurnal 'nykh Stroy, No. 11, 1979).



SHISHLENIG, V.A., kand. tekhn. nauk; SHCHIN, I.A., inzh.

Gas burners for cement plants. Ispol' gaza v nar. khoz.  
no.2:219-225 '63. (MIRA 12:9)

1. Laboratoriya ispol'zovaniya gaza v promyshlennosti Saratovskogo  
gosudarstvennogo naučno-issledovatel'skogo i proyektного  
instituta po ispol'zovaniyu gaza v narodnom khozyaystve.

SECRET

3  
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SHIMELIOVICH, B.A.

[Studies] Nauchnye trudy. Moskva, 1947. 559 p.  
(Medicine)

(MIRA 8:4)

OSIPOV, B.K., prof.; MANEVICH, V.L.; SHIMELIOVICH, L.B.

Treatment of insufficiency of coronary circulation by bilateral  
section of the a. mammae internae. Terap.arkh. 31 no.12:60-63  
D '59. (MIRA 13:4)

1. Iz 2-y kafedry klinicheskoy khirurgii (zav. - prof. B.K. Osipov)  
TSentral'nogo instituta usovershenstvovaniya vrachey.  
(CORONARY DISEASES surg.)

SHIMELIOVICH, L.B.

Clinical aspects of transitional forms of acute coronary in-  
sufficiency. Klin.med. 38 no.6:81-85 Je '60. (MIRA 13:12)  
(COROANRY HEART DISEASE)

SHMELIOVICH, L.B.; ELKONIN, B.L. (Moskva)

Clinical and therapeutic aspects of acute and subacute thyroid-  
itis. Klin.med. 38 no.11:21-25 N '60. (MIRA 13:12)

1. Iz terapevticheskogo otdeleniya Moskovskoy gorodskoy bol'nitsy  
No.50 (glavnyy vrach N.P. Brusova).  
(THYROID GLAND—DISEASES)

SHINELIOVICH, L.B.

Study of the polarogram, volume of coronary blood flow and the electrocardiogram in ligation of the internal thoracic arteries in an experiment. Kardiologiya 1 no.6:31-36 N-D '61. (MIRA 15:1)

1. Iz 2-y kafedry klinicheskoy khirurgii (zav. - prof. B.K.Osipov)  
TSentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D.Kovrigina).  
(THORACIC ARTERY) (BLOOD VOLUME)  
(ELECTROCARDIOGRAPHY) (POLAROGRAPHY)

SHMELIOVICH, L. B.

Effectiveness of bilateral ligation of the internal thoracic artery  
in chronic coronary insufficiency. Terap. arkh. 33 no.5:7-11 My '61.  
(MIRA 14:12)

1. Iz terapevticheskogo otdeleniya Moskovskoy gorodskoy bol'nitsy  
No. 50 (glavnyy vrach N. P. Brusova)

(CORONARY VESSELS—DISEASES)  
(THORACIC ARTERY—LIGATURE)



SHIMELIOVICH, L.B.

Operation for bilateral ligature of the internal thoracic artery  
in chronic insufficiency of the coronary circulation. Trudy TSIU  
2:136-142 '61. (MIRA 15:8)  
(THORACIC ARTERY--LIGATURE) (CORONARY HEART DISEASE)

MANEVICH, V.L.; SHIMELIOVICH, L.B.

Utilization of bilateral ligature of the internal thoracic arteries  
in patients with pronounced coronary circulatory insufficiency  
in preparation for severe surgical interventions on the organs of  
the abdominal cavity. Trudy TSIU 2:143-146 '61. (MIRA 15:8)  
(THORACIC ARTERY--LIGATURE) (CORONARY HEART DISEASE)  
(ABDOMEN--SURGERY)

SHIMELIOVICH, L.B.

Clinical aspects and treatment of dissecting aortic aneurysms.  
Trudy TSIU 2:147-152 '61. (MIRA 15:8)  
(AORTIC ANEURYSMS)

SHIMELIOVICH, L.B.; KAGAN, F.A.

Change in the electrocardiogram during surgery for resection of the  
lung. Trudy TSIU 2:153-156 '61. (MIRA 15:8)  
(LUNGS—SURGERY) (ELECTROCARDIOGRAPHY)

SHIMELIOVICH, L.B.; KAGAN, F.A.

Some characteristics of the electrocardiogram in the early post-operative period following lung resection. Trudy TSIV 2:157-161 '61. (MIRA 15:8)

(LUNGS—SURGERY) (ELECTROCARDIOGRAPHY)

MANEVICH, V.L.; SHIMELICVICH, L.B.

Abdominal syndrome in hemorrhagic vasculitis. Trudy TSIU 2:241-246  
'61. (MIRA 15:8)

(PURPURA (ATHOLOGY)) (ABDOMEN—DISEASES)

KHODAS, M.Ya. (Moskva); SHIMELIOVICH, L.B. (Moskva); RAYSKINA, M.Ye.  
(Moskva); SAMOYLOVA, Z.T. (Moskva)

Determination of oxygen tension in the myocardium by po-  
larography. Pat. fiziol. i eksp. terap. 7 no.2:73-76 M-Ap'63.  
(MIRA 16:10)

1. Iz kafedry patofiziologii (zav. - prof. S.M.Leytes) Tsentral'-  
nogo instituta usovershenstvovaniya vrachey.  
(HEART—MUSCLE) (OXYGEN IN THE BODY)

SHIMELIOVICH, L.S., kand. med. nauk

Evaluation of the effectiveness of operations for experimental  
revascularization of the myocardium. Trudy TSU 66:163-165 '64.  
(MIRA 18:5)



SHIMELIOVICH, L.B., kand. med. nauk; ZAGNITKOVSAYA, E.M.

Morphological study of internal thoracic arteries in connection  
with their use in the revascularization of the myocardium. Trudy  
TSIU 66:166-167 '64. (DGA 13:5)

SHIMELIOVICH, L.B., kand. med. nauk; ELKONIN, B.L.

Indications for cholecystectomy in the combination of cholelithiasis and coronary insufficiency. Trudy TSIU 66:193-199 '64.

Changes in the electrocardiogram in acute pancreatitis. Ibid.:200-205  
(MIRA 18:5)

ALEKSEYEV, K.G.; ZHIVOV, K.I.; TOPILIN, A.P.; LYUBIMOVA, N.S., kand.  
tekhn.nauk, red.; SHIMELIOVICH, Yu.B., red.; SUNGUROV, V.S.,  
tekhn.red.

[Basic characteristics of the new AT-100-5, ATK-100-M and  
AT-120-5 looms] Osnovnye osobennosti novykh avtomaticheskikh  
tkatskikh stankov AT-100-5, ATK-100-M i AT-120-5. Moskva,  
Biuro tekhn.informatsii legkoi promyshl., 1958. 44 p.  
(MIRA 13:12)

1. Moscow. Vsesoyuznaya promyshlennaya vystavka. Pavil'on  
"Khlopok."

(Looms)

KRONGAUZ, N.N., red.; SKORODUMOVA, N.I., starshiy nauchnyy sotr.;  
SHIMELIOVICH, Yu.B., red.; POTOPOVA, N.L., tekhn. red.

[Collection of reports of the Scientific Research Conference of  
Workers of the Clothing Industry of the Ukrainian S.S.R.] Sbor-  
nik dokladov Nauchno-tekhnicheskoi konferentsii rabotnikov  
shveinoi promyshlennosti Ukrainskoi SSR, Kiev, 1959. Moskva,  
TSentr.in-t nauchno-tekhn.informatsii legkoi promyshl., 1961. 18 p.  
(MIRA 14:12)

1. Nauchno-tekhnicheskaya konferentsiya rabotnikov shveyroy pro-  
myshlennosti Ukrainskoy SSR, Kiev, 1959.  
(Ukraine--Clothing industry)

NIKITIN, Sergey Nikolayevich, dotsent, kand.tekhn.nauk [deceased]; KAROL',  
L.A., kand.tekhn.nauk, red.; SHIMML'MITS, I.Ya., inzh., red.;  
KRITSKIY, S.N., doktor tekhn.nauk, retsensent; AYIAZYAN, Y.G.,  
prof., doktor tekhn.nauk, retsensent; ALEKSANDROVSKIY, Yu.A.,  
dotsent, kand.tekhn.nauk, retsensent; ORLOV, V.A., red.; BORUNOV,  
N.I., tekhn.red.

[Principles of calculations connected with hydroelectric power]  
Osnovy gidroenergeticheskikh raschetov. Moskva, Gos.energ.izd-vo.  
1959. 510 p. (MIRA 12:5)  
(Hydroelectric power)

SHIMELMITS, I. Ya.

8. REVIEW OF WATER RESOURCES DEVELOPMENT IN THE USSR FROM 1951 TO 1960

by  
I. Shimelmits  
Engineer, Technical Department, Ministry  
of Power Stations Reconstruction, USSR.

(Abstract)

The paper deals with an interesting and important practical problem of development of hydrotechnical construction in the USSR during the last decade.

There are over 20,000 rivers of a total length of 3 million kilometres in the Soviet Union (total area 22.3 million sq km). The average multi-year runoff of these rivers is about 4,000,000 million m<sup>3</sup>/year, this being about

13% of the average multi-year runoff of all world rivers. The largest rivers in the USSR are the Yenisei, Lena, Ob, Amur and Volga.

report presented at the Fourth Regional Technical Conference on Water Resources Development in Asia and the Far East, Colombo, Ceylon, 5-13 Dec 1960

Influence of drying and the introduction of non-tanning substances on the results of analysis by the Wilson-Kern method. S. B. Shimenovich. *Otdelnye Tekhnicheskie Akademicheskoy Pressovodiro 1931, No. 1, 32-3.*—On drying the tanned hide powder, non-tannins are partially converted into tannin. An addition of gallic acid increases considerably the percentage of tannins by the official method, but this is not reflected in the analytical results of the Wilson-Kern method. A sharp increase of the amount of tannins by the Wilson-Kern method is observed on drying the hide powder. Results obtained with different cures, deviate only within the usual error. Results obtained in the simplified Wilson-Kern method (increase in wt.) are slightly lower than those obtained by calcg. the amt. of tannins from analytical data. In calcg. the amount of tannins during the process by the Wilson-Kern method, tanned hide powder should be dried before running. A. A. Burzhitskiy.

79

Tanning with iron salts in combination with chromium salts. A. S. Kostenko and S. B. Shimenovskh. *Tekhnol. Nauch. Issledovatel. Inst. Kuzbassnauki Prom. Sverdlsk Rabot. No. 8, 87-103(1935).*—In a combined tanning in

one vat with basic iron and chromium salts, iron salts are absorbed more rapidly and combine with collagen in considerably greater quantities than chrome salts. The  $Fe_2O_3:Cr_2O_3$  ratio of salts in the leather is almost twice as high as their ratio in tanning solns. The large proportion of an iron-collagen compd. gives the leather a low resistance to water. A preliminary iron treatment and a final tanning with chrome salts produce a leather of lower acid and higher water resistance. Here the amt. of  $Cr_2O_3$  combined with collagen is higher than in the product of a preliminary treatment with Cr salts followed by iron tanning; by such treatment Cr salts are displaced by Fe salts. A. A. Behtimsk

ASB-35.0 METALLURGICAL LITERATURE CLASSIFICATION



SHIMENOVICH, S., referent

Effect of softening factors on the quality of chrome cowhide  
and calfskin. Kozh.-obuv. prom. no.3:38-39 Mr '59.

(MIRA 12:6)

(Leather)

SHIMENOVICH, S., referent

Mechanics of leather manufacture (from "Leather and shoes," 132,  
no.21, 1956). Kozh.-obuv.prom. 2 no.4:37 Ap '60. (MIRA 13:9)  
(Leather--Machinery)

SHIMENOVICH, S., referent

Simplified method for the analysis of lignosulphonate extracts  
(from "Journal of the American Leather Chemists Association,"  
52, no.6, 1957). Kozh.-obuv.prom. 2 no.8:36-37 Ag '60.  
(MIRA 13:9)

(United States--Tanning agents--Analysis)

SHIMES, M.

Chronic gastritis in the light of modern methods of investigation.  
[N. Hepping in "Gastroenterologia, 1959, 92 No. 4-6, 307-322].  
Reviewed by M. Shimes. Zdrav. Belor. 6 no.9:74-75 S '66.

(MIRA 13:9)

(STOMACH—INFLAMMATION)

(HEPPING, N.)

SHIMES, Moisey Pavlovich; NESTEROVA, Aleksandra Petrovna; POPOVA, G.F.,  
red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Gastric and duodenal ulcer] Iazvennaia bolezni' zheludka i  
dvenadtsatiperstnoi kishki. Moskva, Gos.izd-vo med.lit-ry,  
1959. 69 p. (MIRA 13:5)

(PEPTIC ULCER)

SHIMES, H.P. (Mosira)

Work of the journal "Die Heilberufe" ("Medical professions")  
in the German Democratic Republic. Med. sestra 22 no.8:62-63  
Ag'63. (MIRA 16:10)

(GERMANY, EAST--MEDICINE--PERIODICALS)

ZHELUDAOV, Aleksey Petrovich, kand. ekon. nauk. Prinsipali uchastiye:  
TE. GOYEVA, Ye.P.; SHIMETKINA, A.V.; LEBEDEVA, N.N.; BELOV, M.,  
red.; SKVORTSOVA, L., tekhn. red.

[Discussions on the fundamentals of the economics of socialistic  
agricultural production] Besedy po osnovam ekonomiki sotsialisti-  
cheskogo sel'skokhoziaistvennogo proizvodstva. Kostroma, Kostrom-  
skoe knizhnoe izd-vo, 1960. 220 p. (MIRA 14:12)

1. Zaveduyushchiy kafedroy ekonomiki i organizatsii sel'skokhozyay-  
stvennogo proizvodstva Kostromskogo sel'skokhozyavstvennogo instituta  
"Karavayevo" (for Zheludkov). 2. Kafedra ekonomiki i organizatsii sel'sko-  
khozyaystvennogo proizvodstva Kostromskogo sel'skokhozyaystvennogo in-  
stituta "Karavayevo" (for Tergoyeva, Shimetkina, Lebedeva).  
(Agriculture—Economic aspects)

SHIMIN, Ya.M.

Improving the technical operation of paddle-wheel steamers of project 732. Rech.transp. 15 no.8:20-21 Ag '56. (MLRA 9:11)

1. Mekhanik parakhoda "Afanasiy Shilin."  
(Kama River--Steamboats) (Paddle wheels)



KOMANDIN, A.V.; SHIMIT, B.D.

Thermodynamics of dielectric relaxation processes of  
polyatomic alcohols in the liquid state. Zhur.fiz.khim.  
37 no.2:347-353 F '63. (MIRA 16'5)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.  
(Alcohols) (Dielectric constants)

KOMANDIN, A.V.; SIZOV, L.I.; SHIMIT, B.D. (Moscow)

Dielectric constant and dielectric losses of *o*-hydroxybenzoic acid derivatives in the liquid state. Zhur. fiz. khim. 37  
no.4:764-769 Ap '63. (MIRA 17:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

L 9903-63 EPF(c)/EWT(1)/EWT(m)/BDS/ES(s)-2 /EWG(k)--AFFTC/ASD/SSD--  
Pr-4/Pt-4/Pz-4--RM/WW/MAY/IJP(C)

ACCESSION NR: AP3000418

S/0076/63/037/005/1083/1088

AUTHOR: Komandin, A. V.; Sizov, L. I.; Shimit, B. D.

76  
75

TITLE: Thermodynamics of dielectric relaxation processes in liquids.

SOURCE: AN SSSR. Zhurnal fizicheskoy khimii, v. 37, no. 5, 1963, 1083-1088

TOPIC TAGS: relaxation processes, phenyl o-hydroxybenzoate, phenyl o-acetoxybenzoate

ABSTRACT: A previous study (A. V. Komandin, L. I. Sizov and B. D. Shimit, Zh. Fiz. Khimii, 37, 764, 1963) was made on the dependence of temperature upon the penetration of phenyl o-hydroxybenzoate and phenyl o-acetoxybenzoate at various frequencies of external electric field in a liquid and a supercooled media. The present work is concerned with the investigation of the dispersion penetrations of these compounds at several temperatures. From the results obtained in both investigations, the main thermodynamic functions characterizing the dielectric relaxation processes in the liquids are calculated. The dispersion of the dielectric constant of phenyl o-hydroxybenzoate at 10, 15 and 20C, and

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L 9903-63  
ACCESSION NR: AP3000418

of phenyl o-acetoxybenzoate at 55 and 42C in the supercooled state has been determined. A linear relationship between log Tau and 1/T has been established for both compounds and their corresponding derived equations. A detailed explanation and calculations are given in the discussion of results. Orig. art. has: 7 equations, 7 tables and 3 graphs.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: 07May62    DATE ACQ: 19Jun63    ENCL: 00  
SUB CODE: 00        NR REF SOV: 005        OTHER: 002

  
Card 2/2

KOMANDIN, A.V.; SIZOV, L.I.; SHIMIT, B.D.

Thermodynamics of dielectric relaxation processes in liquids.  
Zhur. fiz. khim. 37 no.5:1083-1088 My '63. (MIRA 17:1)

1. Moskovskiy gosudarstvennyy universitet.

~~L 12704-63~~ EWP(j)/EWT(m)/BDS Pc-4 RM S/0076/63/037/006/1317/1320  
ACCESSION NR: AP3002933

AUTHOR: Komandin, A. V.; Shimit, B. D. 56

TITLE: Temperature and frequency dependence of the dielectric constants of o-hydroxybenzoic acid derivatives in the liquid state

SOURCE: Zhurnal fizicheskoy khimii, v. 37, no. 6, 1963, 1317-1320

TOPIC TAGS: dielectric constant, o-hydroxybenzoic acid derivative, liquid state, chemical structure

ABSTRACT: The dielectric constants and losses of 2-naphthyl o-hydroxybenzoate in the supercooled state at temperatures ranging from +82 to -45 degrees have been measured at frequencies 50, 100, 200, 500 kilocycles and 1, 2, 5 and 15 megacycles. The dielectric behavior in relation to the chemical structure has been discussed. Orig. art. has: 1 table and 1 figure.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova  
(Moscow State University)

SUBMITTED: 07Jun62

DATE ACQ: 16Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 004

OTHER: 001

Card 1/1

KOMANDIN, A.V.; SHIMIT, B.D.

Thermodynamics of dielectric relaxation processes of o-hydroxybenzoic acid derivatives. Zhur.fiz.khim. 37 no.10:2289-2293 0 '63.

(MIRA 17:2)

1. Moskovskiy gosudarstvennyy universitet.

SHIMKE, Ye.M.

Dephenolization of waste waters by the steam method. Koks i khim.  
no.12:44-45 '57. (MIRA 11:1)

1.Dneprodzerzhinskiy koksokhimicheskiy zavod.  
(Phenols) (Coke industry)



L 21515-66 EMT(d)/EWT(1)/EEC(k)-2/EWA(h)  
ACC NR: AP6006325

SOURCE CODE: UR/0413/66/000/002/0044/0045

AUTHOR: Shinkevich, A. I.

110  
B

CRG: none

TITLE: A device for measuring <sup>AM</sup> small voltage standing wave ratios (vswr) of high frequency circuits. <sup>25</sup> Class 21, No. 177942

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 44-45

TOPIC TAGS: transmission line, standing wave, hf oscillator, electric measuring instrument

ABSTRACT: This Author Certificate presents a device for measuring small voltage standing wave ratios (vswr) of high frequency circuits. The device includes a superhigh frequency oscillator of a fluctuating frequency, a stationary probe with a high frequency detector, and a section of line to the end of which the measurable circuit is connected. The design increases the precision of measurement for small standing wave ratios. Two modulators are connected to the oscillator (see Fig. 1). One modulator is used for the rapid fluctuating of the frequency in narrow limits around the central frequency of the oscillator, and the second modulator is used

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UDC: 621.317.341 <sup>2</sup>

L 24545-66

ACC NR: AP6006325

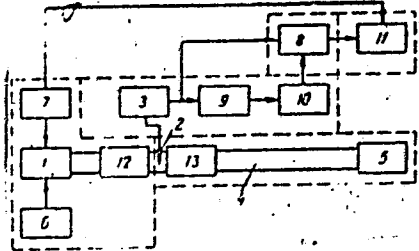


Fig. 1. 1 - superhigh frequency oscillator; 2 - stationary probe; 3 - high frequency detector; 4 - section of line; 5 - measuring circuit; 6 and 7 - modulators; 8 - ratio meter; 9 - selective amplifier; 10 - low frequency detector; 11 - oscillographic indicator; 12 - ferrite rectifier; 13 - phase inverter.

for the slow variation of the central frequency. The output of the high frequency detector of the stationary probe is connected with the ratio meter of the two channels. A low frequency detector and a selective amplifier tuned to the frequency of the narrow band modulation of the superhigh frequency oscillator are incorporated in one of these channels. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 16Jan63

Card 2/2 *mg 5*



SHIMKEVICH, G.L.

Anniversary session of the Scientific Council of the Kazakh Hydro-  
meteorological Scientific Research Institute. Meteor.i gidrol.  
no.11:68-69 N '61. (MIRA 14:10)  
(Kazakhstan--Meteorological research)  
(Kazakhstan--Hydrology--Research)

KLISENKO, Yu.F.; PIDZHIYANTS, S.A.; RUTKOVSKIY, B.I.; RYBAL'SKIY, V.I.;  
SAPOZHNIKOV, F.V.; SLIPCHENKO, P.S.; SHIMKEVICH, E.A.

Flow-line construction of large thermal electric plants. From.  
stroil. 39 no.10:8-13 0 '61. (MIRA 14:10)

1. Yuzhenerpostroy (for Klisenko).
  2. Akademiya stroitel'stva i arkhitektury USSR (for Pidzhiyants, Rutkovskiy, Rybal'skiy, Slipchenko).
  3. Glavenergoprojekt (for Sapozhnikov).
  4. Orgenerpostroy (for Shimkevich).
- (Building) (Electric power plants)

SVETICH, A.G., podpolkovnik, kand. voyenno-morskikh nauk, kapitan 1-go ranga; SHIMKEVICH,  
L.A., kapitan 1-go ranga

Characteristics of an amphibious landing under modern conditions.  
Mor. sbor. 47 no.3:22-27 Mr '64. (MIRA 18:7)

L 39100-08 INT(1) DD

ACC NR: AP6021226

(N)

SOURCE CODE: UR/0396/66/010/003/0065/0066

AUTHOR: Shishlo, M. A.; Shimkevich, L. L.

ORG: Chair of Physics and Chair of Histology, First Moscow Order of Lenin and Order of the Red Banner of Labor Medical Institute im. I. M. Sechenov (Kafedra fiziki i kafedra gistologii I Moskovskogo ordena Lenina i ordena Trudovogo Krasnogo Znameni meditsinskogo instituta)

TITLE: The effect of exposure of the intact organism to a constant magnetic field on the activity of oxidative enzymes in the livers of mice

SOURCE: Patologicheskaya fiziologiya i eksperimental'naya terapiya, v. 10, no. 3, 1966, 65-66

TOPIC TAGS: magnetic biologic effect, fermentation, oxidative degradation, enzyme

ABSTRACT: Five enzymes: succinate dehydrogenase (SDH), malate dehydrogenase (MDH), glutamate dehydrogenase (GDH), lactate dehydrogenase (LDH) and glucose-6-phosphate dehydrogenase (G-6-DH) were studied after 24 and 72 hr exposure to a magnetic field (4500 oe with a gradient of 500 oe/cm). Significant changes were noted in the activity of SHD, MDH and GDH manifested by the diffuse reaction of the cytoplasm and the size and number of granules, greater than in the controls. The enzymatic activity of LDH and G-6-DH did not change appreciably. The author concludes that

UDC: 612.351.11.014.426

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L 38106-66

ACC NR: AP6021226

the magnetic field primarily affects enzyme activity within the mitochondria and speculates that this is due to the alteration of the permeability of the mitochondrial membrane. He further correlates his findings with the observed increase in the phosphorylation coefficient in homogenates of guinea pig liver cells after exposure to a constant magnetic field. [14]

SUB CODE: 06/

SUBM DATE: 11Oct65/

ORIG REF: 003/

OTH REF: 004/

ATD PRESS: 5046

Card 2/2 MLP



SOLDATKIN, M.T., dotsent, kand.tekhn.nauk; POTAPOV, M.A.; SHIMKEVICH, S.K.

Recommended methods for ventilating fiber dyeing plants of cloth  
combines. Sbor. nauch. trud. Bel. politekh. inst. no.74;28-47

'59.

(MIRA 13:8)

(Textile factories--Heating and ventilation)

KULIKOV, V.A.; SHIMKEVICH, T.Ye.

Determining the thickness of a veneer sheet. Nauch. trudy LTA no.  
97:111-114 '62. (MIRA 17:2)

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SO: u-5241, 17 December 1973, (Letoniz 'zhurnal 'nykh Statey, No. 26, 1949).

KOLYCHEV, N.N., kandidat meditsinskikh nauk.; SHIMKHOVICH, I.S.

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(EYE, dis,  
ther., sleep)  
(SLEEP, ther. use  
eye dis. & inj.)  
(WOUNDS AND INJURIES  
eye, ther., sleep)

SHIMKOVICH, I.S., kand.med.nauk

Effect of anesthesia on the stimulatory action of blood transfusion.  
Oft.zhur. 13 no.4:228-232 '58 (MIRA 11:8)

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meditsinskoy ordena Lenina akademii im. S.M. Kirova.  
(ANESTHESIA)  
(BLOOD--TRANSFUSION)

SHIMKHOVICH, I.S., dotsent; KRASNOVIDOV, V.S., kand. med. nauk

Comparative evaluation of some methods of extracting nonmagnetic splinters from the hyaloid. Oft. zhur. 14 no.2:73-77 '59. (MIRA 12:7)

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(EYE--FOREIGN BODIES)

SHIMKHOVICH, I.S., dots.; SHILYAYEV, V.G.

Cataract of both eyes resulting from brief exposures to an ultra-high-frequency electromagnetic field of high density. Vest.oft. 72 no.4:12-16 J1-Ag '59. (MIRA 13:4)

1. Kafedra oftal'mologii Voyenno-meditsinskoy ordenal Lenina akademii imeni S.M. Kirova (nach. - prof. B.L. Polyak)  
(CATARACT etiol.)  
(OCCUPATIONAL DISEASES)  
(ELECTRICITY eff., inj.)

SHIMKHOVICH, I.S., kand.meditsinskikh nauk

Comparative evaluation of the resorptive action of osmotherapy, oxygen therapy, and blood transfusion in hemorrhages into the vitreous humor. Opt. zhur. 15 no.5:265-270 '60. (MIRA 13:9)

1. Iz kafedry oftal'mologii (nachal'nik - prof. B.L. Polyak) Voenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(VITREOUS HUMOR)	(OXYGEN—THERAPEUTIC USE)
(BLOOD—TRANSFUSION)	(SALT—THERAPEUTIC USE)



SHIMKHOVICH, M.S.

Familiarizing the student with the speedometer. Fiz. v shkole 14  
no.3:50-51 My-Je '54. (MIRA 7:7)

1. 7-ya srednyaya shkola, g. Vladimir.  
(Speed indicators)

SHIMKHOVICH, M.S.

Methods of teaching the concepts of force. Fiz. v shkole 15 no.  
3:24-31 My-Je '55. (ML2A 8:6)

1. Pedagogicheskiy institut (g. Velikiye Luki)  
(Force and energy--Study and teaching)

SHIMKHOVICH, M. S.

SHIMKHOVICH, M. S.: "The concept of force and its study in the mechanics portion of the physics course in the intermediate school."  
Academy of Pedagogical Sciences RSFSR. Sci Res Inst of Teaching Methods. Moscow, 1956. (Dissertation for the Degree of Candidate in Pedagogical Science.)

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

CZECHOSLOVAKIA/General Section - Problems of Teaching.

A-5

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8272

Author : M.S. Shimkhovich

Inst : \_\_\_\_\_

Title : Concerning a Procedure of Establishing the Concept of  
Force [ Translation from the Russian ]

Orig Pub : Prirod. vedy skole, 1956, 6, No 7, 586-592.

Abstract : See Referat Zhur Fizika, 1956, 6106.

Card 1/1

Rep. 80  
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BRINMAN, MICHAEL H

The American medical mission on microbiology and epidemiology to the Soviet Union, February - March 1956 (n. p., 1956)  
110 p.

SHIMKIN, N.B.

Measuring the knowledge of students in the schools for working youth. Fiz. v shkole 22 no.2:65-67 Mr-Apr '62. (MIRA 15:11)

1. 33-ya shkola rabochey molodezhi, g. Sverdlovsk.  
(Physics--Study and teaching)

SHIMIZU, A. .

"Resistance of the Ground to Prestraining Load Non-horizontal Surface Foundations,"  
High Tech. Stroi, No. 4, 1943. Univ.

SHIMKIN, Z. R. Cand Tech Sci -- (diss) "Study of the ~~XXXXXXXXXX~~  
*Displacement*  
~~Staying Power~~ of Berms in the Foundations of Hydraulic ~~Harb~~ Harbor  
*Structures*  
Installations." Len, 1957. 11 pp with diagrams, 22 cm.  
(Len Inst of the Engineers of Water Transport), 100 copies  
(KL; 27-57, 108)



SHIMKO, G.N.

Investigation of the dielectric properties of sleet and hoar-  
frost. Elektrosviaz' 10 no.7:60-71. JI '56. (MIRA 9:9)  
(Dielectrics) (Frost--Electric properties)

S IVKO, G.N., Cand Techn Sci -- (diss) "Effect of <sup>field</sup> clear ice  
formations on the change of parameters of two-wire circuits  
of high frequency connection and an experimental study of this  
problem on an experimental line." Voronezh, 1958, 14 p:  
(Min of Communications USSR. Mos <sup>Electrical Engineering</sup> ~~Electronics~~ Inst of  
Communications) 150 copies (KL, 42-58, 116)

- 46 -



S/183/60/000/02/05/405  
B004/B005AUTHOR: Shimko, I. G., Director

TITLE: Report

PERIODICAL: Khimicheskiye volokna, 1960, No. 2, pp. 14 - 16

TEXT: This report was delivered at the Branch Conference of the Synthetic Fiber Industry in Klin, December 16-18, 1959. The lecturer mentions that production in his factory has quintupled during the last 6 years. In 1960 it is to be doubled. 130 measures for improving the quality were realized. Shortcomings of the production are: irregular thread thickness, roughness of thread, bad workability on textile machines. The causes are: lacking working discipline, nonobservance of production regulations, and, above all, bad raw materials. Caprolactam: Though the standard for caprolactam is very low, 45-60% was delivered below standard in 1959. Cellulose: The Priozerskiy zavod (Priozersk Works) and Svetogorskiy zavod (Svetogorsk Works) deliver unrefined cellulose. There is no assortment of highly disperse dyes. The Gosudarstvennyy komitet Soveta Ministrov SSSR po khimii (State Committee on Chemistry of the Council of Ministers USSR) and the sovetskoye gosudarstvo to seek remedy. The equipment of the kombinat is antiquated as.

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Report

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B004/B005

for instance, the winding frames, delivered by the zavod im. 26 komissarov (Works imeni 26 Commissars) and the Selivanovskiy zavod (Selivanovskaya Works). Even the new equipment is backward. The new spinning frames designed by GIPROIV (State Institute for the Design and Planning of Synthetic Fiber Industry Establishments) and delivered by the zavod im. K. Marksa (Works imeni K. Marx) do not correspond to modern demands. The bobbins delivered by the factory mentioned and the zavod im. 1 Maya (Works imeni First of May) last only 1 year. The Institut trikotazhnoy promyshlennosti Kiyevskogo sovnarkhoza (Institute of the Tricot Industry of the Kiyev sovnarkhoz) and the Ukrainskiy institut po pererabotke sinteticheskikh volokon (Ukrainian Institute for the Processing of Synthetic Fibers) designed new standards for synthetic fibers. To fulfill them it is first necessary to improve the spinning pumps of the Kamenskiy mashinostroitel'nyy zavod (Kamenka Machine Construction Works) which show 4-5% dosage variations after 5-10 working days. This factory points out that it receives metal of poor quality. Spare parts are delivered by nonspecialized factories. The State Committee on Chemistry of the Council of Ministers USSR and the Gosudarstvennyy komitet S'eta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee on Automation and Machine Construction of the Council of Ministers USSR) should relieve this situation. The lecturer suggests that VNIIV and GIPROIV, a

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B004/B005

well as O avleniye khimicheskikh volokon (Administration for Synthetic Fibers) of the State Committee on Chemistry of the Council of Ministers USSR, should modernize the equipment and standards.

ASSOCIATION: Kiyevskiy kombinat (Kiyev Kombinat)

Card 3/3

SHIMKO, I.G.

Introduction of new processes and equipment. Khim.volok.  
no.3:15-17 '62. (MIRA 16:2)

1. Kiyevskiy kombinat iskusstvennogo volokna.  
(Kiev--Textile fibers, Synthetic)

SHIMKO, I.G.; PAKHOMOV, N.A.

Introduction of new methods for process improvement at the Kiev Combine. Khim. volok. no.4:6-7 '63. (MIRA 16:8)

1. Kiyevskiy kombinat iskusstvennogo i sinteticheskogo volokna (for Shimko). 2. Kiyevskiy filial Gosudarstvennogo institut po proyektirovaniyu predpriyatiy iskusstvennogo volokna (for Pakhomov).



KREMNEV, O.A.; BOROVSIIY, V.R.; CHAVDAROV, A.S.; ROZHEN, A.P.;  
SHIMKO, I.G.

Oxidation of alkali cellulose by ozonized air. Khim. volok.  
no.4:34-37 '63. (MIRA 16:8)

1. Institut teploenergetiki AN UkrSSR (for Kremnev, Borovskiy,  
Cavdarov, Rozhen). 2. Kiyevskiy kombinat iskusstvennogo  
volokna (for Shimko).

SHINKO, I. G., FISMAN, Ts. E., TRETYAKOV, V. I., VACHSHENKO, D. M., PAVLOVICH, N. V.  
and TERENETSKOY, M. K.

"Thermal physical conditions of extraction of low-molecular combinations of neets  
of polymer."

Report presented at the Section on Thermal-physical Properties and Non-stationary  
Thermal Capacity, Scientific Session, Council of Acad. Sci. Ukr SSR on High Temperature  
Physics, Kiev, 2-4 Apr 1963.

Reported in Teplofizika Vysokikh temperatur, No. 2, Sep-Oct 1963, p. 321, JPFS 24,651.  
19 May 1964.

SHIMKO, I.G.

On the road of technological progress. Khim. volok. no.1:3-5 '62.  
(MIRA 18:4)

SHIMKO, I.G.; ZEZINA, O.S.

Intensification of the viscose dissolving process. Khim. volok. no.1:  
20-21 '62. (MIRA 13:4)

SHIMKO, I.G.; BRATISHCHENKO, G.M.

Ways to reduce the losses of viscose and filter materials. Khim. volok.  
no.1:21-22 '62. (MIRA 18:4)

SHIMKO, I.G.; LEVIT, G.N.

Use of gas-electric welding for the reconditioning of centrifuges.  
Khim. volok. no.1:23-24 '62. (MIRA 18:4)

SHIMKO, I.G.; ZOZOVSKIY, A.I.

Rayon output in the warp form. Khim. volok. no.1:27-29 '62.  
(MIRA 18:4)

SHIMKO, I.G.; PRESHNAYA, V.V.

Textolite expanding sleeve for the winding of rayon from packages.  
Khim. volok. no.1:30-31 '62. (MIRA 13:4)



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ACC NR: AP6006355 (A) SOURCE CODE: UR/0413/66/000/002/0093/0093

AUTHOR: Kremnev, O. A.; Borovskiy, V. R.; Mishnayeveskiy, L. M.-G.;  
Shimko, I. G.; Khruzin, N. A.; Gritskov, I. V. 34  
B

ORG: none

TITLE: Method of lowering the content of low-molecular compounds and moisture in polycaprolactam . Class 39, No. 178097 6

SOURCE: Izobreteniya, promyshlennyye obrazttsy, tovarnyye znaki, no. 2, 1966, 93

TOPIC TAGS: polycaprolactam , lactam, polymer, chemistry technique

ABSTRACT: This Author Certificate describes a method for lowering the content and moisture in polycaprolactam by heat treatment in an inert medium. To accelerate the process, the particles of polycaprolactame are subjected to heat treatment at 200--210C in a fluidized bed. [LD]

UDC: 678.675' 126.025.4

SUB CODE: 07/

SUBM DATE: 26Aug62

Card 1/1 OK

*Shimko, K.I.*  
MURASHKO, M.G.; SHIMKO, K.I.

Power and economic bases for plans of agricultural hydroelectric  
stations in the White Russian S.S.R. Izv. AN BSSR no. 3:35-50 My-Je  
'55. (MIRA 8:12)

(White Russia--Hydroelectric power plants)

SHENKO, K. I.

SHENKO, K. I. "Technical-economic conditions for the investigation of rural hydroelectric construction in the Belorussian SSR." Min Higher Education USSR. Belorussian Polytechnic Inst imeni I. V. Stalin. Minsk, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya letopis', No. 15, 1956. Moscow.

VASIL'CHENKO, G.V.; SHIMKO, K.I.

Analogies in solving certain problems of the theory of elasticity  
and hydrodynamics. Inzh.fiz.zhur. 4 no.7:52-59 J1 '61.  
(MIRA 14:8)

1. Institut vodnykh problem AN BSSR, Minsk.  
(Elasticity) (Hydrodynamics)

SHIMKO, K.M.

Development of river transportation in the R.S.F.S.R. Biul,  
tekh.-ekon. inform. no. 2:63-67 '61. (MIRA 14:2)  
(Inland water transportation)

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"Literature": p. (20)

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SHIMKO, K.N., kandidat tekhnicheskikh nauk.

Method of calculating relative work performance of ships. Rech. transp. 13  
no.1:5-9 Ja-F '53. (MIRA 6:11)

(Shipping)

SHIMKO, Konstantin Nikolayevich; MELIDOVA, E.S., redaktor; IKONNIKOV, S.A.,  
redaktor; BEGICHEVA, M.N., tekhnicheskii redaktor.

[Fuel for water transportation] Toplivo dlia vodnogo transporta.  
Moskva, izd-vo "Rechnoi transport," 1954. 166 p. (MIRA 8:5)  
(Fuel)



ZVONKOV, Vasil'y Vasil'yevich; SHIMKO, K.N., redaktor; MAKRUSHINA, A.N.,  
redaktor izdatel'stva; SALAZKOV, N.P., tekhnicheskiy redaktor

[Calculations in ship traction; theory, calculations and tests]  
Sudovye tiagovye raschety; teoriia, raschety, ispytaniia. Moskva,  
Izd-vo "Rechnoi transport," 1956. 322 p. (MLRA 10:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Zvonkov)  
(Ships)

BEL'YANIN, Svyatoslav Aleksandrovich; LAKHANIN, V.V., retsenzent; STRUTS, V.G.,  
retsenzent; SHIMKO, K.N., redaktor; DOBRONRAVOVA, S.M., redaktor  
izdatel'stva; TSVETKOVA, S.V., tekhnicheskii redaktor.

[Mechanization of fuel consumption and water treatment on vessels  
with tubular boilers] Mekhanizatsiia szhiganiia topliva i obrabotka  
vody na sudakh s vodotrubnymi kottlami. Moskva, Izd-vo "Rechnoi  
transport," 1957. 177 p. (MIRA 10:11)

(Boilers, Marine)

LEBEDEV, Aleksey Pavlovich; GENKIN, M<sup>h</sup>um Solomonovich; TATUR, Yevgeniy  
Aleksandrovich; KROMNIKOV, S.A., retsenzent; SHIMKO, K.N., red.;  
SPRYUNIKOVA, E.I., red.izdatel'stva; KRASNAYA, A.K., tekhn.red.

[MP-10 marine steam engine] Sudovaya parovaya mashina MP-10.  
Moskva, Izd-vo "Moshnoi transport," 1957. 179 p. (MIRA 10:12)  
(Marine engines)

FOKIN, Timofey Ivanovich, inzh. ratsionalizator; ~~SHIMKO, K.N.~~ kand. tekhn. nauk, red.; KAN, P.M., red. izd-va: TSVETKOVA, S.V., tekhn. red.

[Increasing the power of steam engines by improving steam distribution] Uvelichenie moshchnosti parovykh mashin za schet uluchsheniya paroraspredeleniia. Moskva, Izd-vo "Rechnoi transport," 1958. 162 p. (MIRA 11:7)

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