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Begin

REEL

5/8

SHULMAN-ALBOVA,

R. YE.

SIROU, HAN-AM, CIA, N. 11.

Trematode

Problem of the variability of the diogenetic trematode of fish *Isoetes* atsonen (Rud.)  
Gibner, 1953. Zool. zh. 42, no. 1/1, 1953.

Monthly List of Russian Accessions, Library of Congress  
June 1953. WCH.

SEUL'MAN, S.S.; SHUL'MAN-AL'BOVA, R. Ye.

[Parasites of White Sea fish] Parazity ryb Belogo moria. Moskva,  
Izd-vo Akademii nauk SSSR, 1953. 197 p. (MLRA 6:12)  
(Parasites--Fishes) (White Sea--Fishes)  
(Fishes--White Sea)

СМИДОВА - АИДОВА, . . .

Научно-исследовательский институт высшей математики им. А. М. Ляпунова, "Материалы к  
книжке к 50-летию со дня рождения К. И. Крамарина, Институт, Акад. Наук,  
СССР, 1953, стр. 701.

Ин-т. Психологии, Карело-Финский филиал, АН СССР

SHUL'MAN-AL'BOVA, R.Ye.

Parasites of the pheasant (*Phasianus colchicus* L.). Uch.zap.Len.  
un. no.172:185-202 '54. (MLRA 10:3)

1. Kafedra zoologii bespozvonovnykh Leningradskogo ordena Lenina  
gosudarstvennogo universiteta.  
(Parasites--Pheasants)

LUTTA, A.S.; SHUL'MAN-AL'BOVA, R.Ye.

Distribution and ecology of *Ixodes trianguliceps* Bir. in  
the Karelo-Finnish S.S.R. Trudy Kar.-Fin. fil. AN SSSR  
no.4:82-98 '56.

(MLRA 10:2)

(Karelia--Ticks) (Parasites--Rodentia)  
(Parasites--Insectivora)

LUTTA, A.S.; SHUL'MAN-AL'BOVA, R.Ye.

Research on the action of DDT and benzene hexachloride on the tick *Ixodes ricinus* under laboratory conditions and in agricultural practice. Trudy Kar.-Fin. fil. AN SSSR no.4: 99-115 '56.

(MLRA 10:2)

(DDT (Insecticide)) (Benzene hexachloride)  
(Ticks) (Parasites--Cattle)



LUTTA, A.S.; SHUL'MAN, R.Ye.

Laboratory investigation of the toxic effect of DDT upon all development phases of *Ixodes ricinus* L. Dokl.AN SSSR 108 no.2:367-369 My '56.

(MLRA 9:9)

1.Institut biologii Karelo-Finskogo filiala Akademii nauk SSSR. Predstavleno akademikom Ye.N.Pavlovskim.

(TICKS) (DDT (INSECTICIDE))

SHUL'MAN, Ye. Ye.

Shul'man, Ye. Ye. "A test of liver function in skin tuberculosis using Quick's test," Eksperim. i klinich. issledovaniya (Leningr. kozino-venerol. in-t), Vol. VII, 1949, p. 235-39, - Bibliog: 15 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

СИБИРЬ, И.И.; КНЕРТСЕР, В.Г.

dependence of the water inflow to mines on the area, depth,  
and time of exploitation (based on observation data in the  
mines of the Donets Basin). Trudy VSEGINGEO no.10:81-86 '64.  
(MIRA 17:10)  
in Trudy "Artemgeologiya".

SHUL'MAN-SATIN, B.B.

Pulmonary hyaline membranes in the newborn infant. Akush.i gin.  
36 no.5:62-64 S-0 '60. (MIRA 13:11)

1. Iz Tsentral'noy sudebnomeditsinskoy laboratorii (nach. -  
chlen-korrespondent AMN SSSR, polkovnik meditsinskoy sluzhby  
prof. M.I. Avdeyev) Voenno-meditsinskogo upravleniya Ministerstva  
oborony SSSR.

(LUNGS--DISEASES)

(INFANTS (NEWBORN)--DISEASES)

SHUL'MAN-SATIN, B.E.

Microscopic picture of the lungs in stillborn infants. Sud.-med.  
ekspert. 3 no.2:27-28 Ap-Je '60. (MIRA 18:6)

1. Tsentral'naya sudebno-meditsinskaya laboratoriya (nachal'nik -  
chlen-korrespondent AMN SSSR prof. M.I.Avdayev) Voenno-medi-  
tsinskogo upravleniya Ministerstva obrony SSSR.

SHUL'MAYSTER, YA.

PA 30<sup>1</sup>54

USER/Metals

Jan 1946

Boilers - Testing  
Steel - Testing

"Testing Boiler Steel of Unknown Origin or with Defects," Ya. Shul'mayster, Engr, 1 p

"Morskoy Flot" No 1

If splits, cracks and other defects are discovered in the steel of a boiler then tests must be made to determine whether or not it is safe to continue using the boiler. This is done by testing a small piece of the steel for its metallurgical composition, hardness, etc.

30T54

GUSEV, Vasilii Fedorovich; ~~SHULMEYSTER, B.I.~~, inzhener, redaktor;  
MATVEYEVA, Ye.N., tekhnicheskii redaktor

[Assembling and repair of turbocompressors] Montazh i naladka turbo-  
kompressorov. Izd. 3-e. Moskva, Gos. nauchno-tekhn. izd-vo mashino-  
stroit. lit-ry, 1956. 177 p. (MLRA 10:1)  
(Compressors)

SHUL'NEVSKAYA, I. I.  
SHUL'NEVSKAYA, I. I.  
SHUL'NEVSKAYA, I. I., inzhener; VLADIMIROV, I.S.

Repairing main journals of crankshafts. Mashinostroitel' no. 5:  
30-34 My '57. (MIRA 13:6)  
(Crank and crankshafts--Maintenance and repair)



SHUL'MEYSTER, Boris Iosifovich; LIVSHITS, L.M., inzh., retsenzent;  
MELEYEV, A.S., inzh., red.; SAVEL'YEV, Ye.Ya., red.izd-va;  
TIKHANOV, A.Ya., tekhn.red.; EL'KIND, V.D., tekhn.red.

[Repair and assembling of stationary diesel engines] Remont  
i montazh statsionarnykh dizelei. Moskva, Gos.nauchno-tekhn.  
izd-vo mashinostroit.lit-ry, 1959. 267 p. (MIRA 13:1)  
(Diesel engines--Maintenance and repair)

SHUL'MEYSTER, F.I.

Effect of surgery on arterial pressure in chronic tonsillitis. Vest.  
oto-rin. 17 no.6:38-39 N-D '55. (MLRA 9:2)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. -- prof. V.G. Yermolayev)  
Leningradskogo instituta usovershenstvovaniya vrachey i ushnogo  
otdeleniya bol'nitsy imeni V.I. Lenina.

(TONSILLITIS, surgery,  
eff. on blood pressure)  
(BLOOD PRESSURE,  
in surg. of tonsillitis)

VOLZHIN, S.N.; MINAYEV, V.I.; POPOV, G.R.; SMULMEYSTER, L.F.

Ring-type switch in a relay with noncontact control. Priborostro-  
enie no.1:11-14 Ja '64. (MIRA 17:2)

MINAYEV, V.I.; POPOV, G.R.; FEDYUKIN, V.I.; SHUL'MEYSTER, L.F.

Device for noncontact measurement of electric conductivity of  
semiconductor materials. Priborostroenie no.1:29 Ja '65. (MIRA 18:3)

L 41035-65 EWT(d) Po-4/Pq-4/Pg-4/Pk-4/P1-4

ACCESSION NR: AP5005935

S/0119/65/000/002/0010/0011

AUTHOR: Minayev, V. I. (Engineer); Popov, G. R. (Engineer); Fedyukin, V. I. (Engineer); Shul'meyster, L. F. (Candidate of technical sciences)

TITLE: Thermoelectric-power meter

SOURCE: Priborostroyeniye, no. 2, 1965, 10-11

TOPIC TAGS: thermoelectric power; thermoelectric power meter 10

ABSTRACT: An instrument for quick measurement of thermoelectric power (TP) is described in which a preset temperature difference is maintained with an error of  $\pm 2\%$ ; thus, TP is determined by actually measuring the thermo-emf of the device being tested. An electronic temperature-difference stabilizer (designed with diodes and transistors) is briefly described; it includes an electric heater, temperature sensors, and an automatic controller. Orig. art. has: 4 figures and 7 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EE, EC

NO REF SOV: 001

OTHER: 001

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Card 1/1

L 24856-66 EWT(1)/T IJP(c) AT

ACC NR: AP6009439

(A)

SOURCE CODE: UR/0377/65/000/003/0005/0009

AUTHORS: Lidorenko, N. S. (Doctor of technical sciences); Nabiullin, F. Kh.;  
Tarnizhevskiy, B. V.; Gertsik, Ye. M.; Shul'meyster, L. F.; Landsman, A. P.  
(Candidate of technical sciences)

73  
B

ORG: All-Union Order of the Red Banner of Labor Scientific Research Institute  
of Current Sources (Vsesoyuznyy ordena Trudovogo Krasnogo Znameni n.-i. institut  
istochnikov toka)

TITLE: An experimental solar electric power station 29

SOURCE: Gecliotekhnika, no. 3, 1965, 5-9

TOPIC TAGS: solar energy conversion, solar power plant, solar battery,  
agricultural machinery, volt ampere characteristic, solar radiation, water  
supply system

ABSTRACT: This paper presents an experimental solar electric power station for  
driving water-raising equipment in pasture grounds in southern regions. The solar  
battery is in the form of strips which are directly illuminated; the battery  
receives additional illumination from inclined side mirrors (see Fig. 1). The  
apparatus was tested under field conditions in 1964. The optimum power is 248 W 2  
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L 24856-66

ACC NR: AP6009439

at a voltage of 45 V for the solar battery (see Fig. 2).

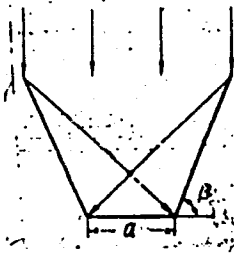


Fig. 1. Diagram of concentrating system: a--width of solar battery; beta--angle of inclination of mirror.

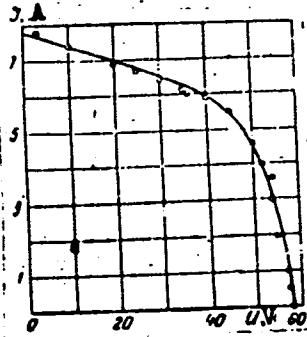


Fig. 2. Volt-ampere characteristic of solar battery of solar apparatus for nominal radiation ( $800 \text{ W/m}^2$ ).

The efficiency of the battery was found to be 3.5%, of the apparatus 2.6%. The apparatus was found to be technically advantageous and promising for the purpose of water raising. Orig. art. has: 4 formulas, 2 diagrams, 1 photograph, and 2 graphs.

SUB CODE: 02, 10/ SUBM DATE: 30May65/ ORIG REF: 005  
Card 2/2 *dda*

ACC NR: AP6035253 (A) SOURCE CODE: UR/0377/66/000/004/0072/0075

AUTHOR: Shul'meyster, L. F.; Yeleovich, G. V.; Yegorov, A. V.

ORG: All-Union Scientific Research Institute of Electric Power Sources (Vsesoyuzniy nauchno-issledovatel'skiy institut istochnikov toka)

TITLE: Automation of a solar power plant

SOURCE: Geliotekhnika, no. 4, 1966, 72-75

TOPIC TAGS: solar power plant, automation, solar battery, automatic solar power plant

ABSTRACT: An attempt has been made to investigate the automatic control systems of a solar power plant rotating around a single axis and the main problems encountered in using the plant. The storage battery feeding the control systems is additionally charge during daytime using the power surplus of the solar battery as well as during hours when the water-raising meter is in idle condition. The block diagram of the entire system is discussed and the designation of individual elements is analyzed. Following are the system's basic specifications: feed voltage,  $273 \pm 10$  v; water

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ACC NR: AP6035253

raising unit's electric drive capacity, 0.3 kw; tracking motor capacity, 96 v; maximum displacement angle, 10°; adjustment limit for cutting-in power consumers, 500—1100 v/m<sup>2</sup>; maximum weight of the automatic system, 6 kg; maximum power consumption for local internal needs, 5%. Orig. art. has: 1 figure. [Based on authors' abstract] [NT]

SUB CODE: 10/SUBM DATE: none/ORIG REF: 001/

Card 2/2

SHUL'BYSTER, Moisey Vladimirovich; LARINA, V.F., red.; CHECHERIN, A.N.,  
tekh.red.

[Monotype method of typesetting] Tekhnologiya nabora na monotipe.  
Moskva, Gos. izd-vo "Iskusstvo," 1957. 463 p. (MIRA 11:4)  
(Monotype)

SHUL'MEYSTER, Moisey Vladimirovich; BRILLIANT, M.D.; LARINA, V.F., red.; MALEK, Z.N., tekhn. red.

[Monotype; arrangement and operation of typesetting composing machines in two volumes] Monotip; ustroistvo i ekspluatatsia bukvootlivnykh nabornykh mashin v dvukh knigakh. Moskva, Gos. izd-vo "Iskusstvo."  
Book 1. [Design of composing punching machines] Konstruktsiia naborno-perforiruiushchei mashiny. 1961. 304 p. --- --- [List of specifications of parts of composing-punching machines] Spetsifikatsiia-ukazatel' detalei naborno-perforiruiushchikh mashin. 72 p.  
(MIRA 14:8)

(Typesetting machines)

SHUL'MEYSTER, Moisey Vladimirovich. Prinimali uchastiye:  
BRILLIANT, M.D.; KHOMYAKOV, M.A.; SAMORODOV, B.P., red.;  
GORINA, V.A., tekhn. red.

[Monotype; installation and operation of monotype casting machines in two books] Monotip; ustroistvo i ekspluatatsiia bukvootlivnykh nabornykh mashin v dvukh knigakh. Moskva, Iskusstvo. Book 2. [Construction of an automatic casting machine] Konstruktsiia otlivnogo avtomata. 1963. 392 p.  
\_\_\_ [Monotype; a catalog of parts of automatic casting machines. Supplement to book 2 "Konstruktsiia otlivnogo avtomata"] Monotip; spetsifikatsiia-ukazatel' detalei otlivnykh avtomatov. Prilozhenie k knige 2 "Konstruktsiia otlivnogo avtomata." 151 p. (MIRA 17:4)

← SHULMEYSTER, T.

Great possibilities. prof.-tekh.obr. 18 no.12:18 D '62.

(MIRA 14:12)

1. Zamestitel' direktora po uchebno-proizvodstvennoy rabote  
kolyvanskogo uchilishcha mekhanizatsii sel'skogo khozyaystva  
No.9, Novosibirskaya oblast'.

(Kolyvan'---Agriculture---Study and teaching)

SHUL'MIN, B.M.

Practice of using systems of coyote and deep holes in ore breaking  
in Russian mines. Trudy Gor.-geol. inst. UFAN SSSR. no.34:115-123  
'58. (MIRA 14:10)

(Mining engineering)

SHUL' MIN, B.M.

Comparative evaluation and field of the use of systems involving  
ore breaching by means of boreholes and blast charges. Trudy Gor.-  
geol.inst.UFAN SSSR no.41:133-145. '59. (MIRA 13:5)  
(Mining engineering)

SHUL'MIN, B. M., Cand Tech Sci -- (diss) "Comparative evaluation of systems with ore breakdown by deep bore holes and mining charges in underground workings of ore deposits." Sverdlovsk, 1960. 16 pp; (Ural'skiy Affiliate of the Academy of Sciences USSR, Mining Geology Inst); 160 copies; price not given; (KL, 22-60, 140)



ZUBRILOV, L.Ye.; ILIVITSKIY, A.A.; UTKIN, L.A.; SHUL'MIN, B.M.

Main directions in improving the technology of underground mining  
of thick ore deposits in the Urals. Trudy Gor.-geol.inst.UFAN SSSR  
no.54:5-12 '60. (MIRA 14:6)

(Ural Mountains--Mines and mineral resources)

SHUL'MIN, B. M.

SOV/5298

PHASE I BOOK EXPLOITATION

Akademija nauk SSSR. Ural'skiy filial. Gorno-geologicheskii institut.

Podzemnaya razrabotka rudnykh mestorozhdeniy (Underground Exploitation of Ore Deposits) Sverdlovsk [1950] 165 p. (Series: Ita: Trudy, vyp. 54) 1,000 copies printed.

Editorial Board: K. V. Kochnev, Professor, Doctor of Technical Sciences; L. Ye. Zubrilov, Candidate of Technical Sciences; A. A. Ilyitskiy, Candidate of Technical Sciences. Ed. of Publishing House: M. S. Ebergardt; Tech. Ed.: N. P. Seredkina.

PURPOSE: This publication is intended for engineering and technical personnel in the mining industry.

COVERAGES: This is a collection of 22 articles by different authors on problems of underground exploitation of large massive ore deposits in the Urals. The articles are based on studies carried out in the Laboratory for the Exploitation of Ore Deposits of the Gorno-geologicheskii institut UFM SSSR (Institute of Mining Geology, Ural Branch AS USSR), between 1958-1959. No personalities are mentioned. Most of the articles are accompanied by references.

TECHNOLOGY OF UNDERGROUND EXPLOITATION

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Zubrilov, L. Ye., and A. I. Shurygin. Selective and Total Extraction of Copper and Sulphur Ores of the Degtyarskoye Deposits	85
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Shul'min, B. M. On the Transition Boundary From Mining to Pit Extraction in Exploiting Deposits of Massive Ores	115
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Atkin, L. A. Towards a Study of the Seismic Effect of Strong Explosions	125
Mikollin, V. I. Evaluating the Different Methods of Forming Tunnels in the Floors of (Chamber) Blocks	131
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Shehelkanov, V. A. Utilizing the Force of Explosion and the Ore's Own Weight for Transporting Crushed Ore in Exploiting Inclined Deposits	149
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NIKOLAYEV, S.I.; IL'IN, A.M.; ZUBRILOV, L.Ye.; SHUL'MIN, B.M., mladshiy  
nauchnyy sotrudnik

Possibilities for increasing labor productivity in the "Magneti-  
tovaya" Mine. Gor. zhur. no.11:10-13 N '61. (MIRA 15:2)

1. Direktor Vysokogorskogo rudoupravleniya (for Nikolayev).
2. Glavnyy inzh. Vysokogorskogo rudoupravleniya (for Il'in).
3. Zaveduyushchiy laboratoriyey razrabotki rudnykh mestorozhdeniy  
Gorno-geologicheskogo instituta Ural'skogo filiala AN SSSR (for  
Zubrilov).

(Sverdlovsk Province--Iron mines and mining)

NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.; SHUL'MIN, B.M.

Breaking a large block with large-scale blasting. Gor. zhur. no.4:17-20  
Ap '63. (MIRA 16:4)

(Sverdlovsk Province—Blasting)

NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.; PLEKHANOV, G.V.; SHIL'MIN, B.M.

Large-scale blasting of blocks at the "magnetitovaia" Mine. Trudy  
Inst.gor.dela UFAN SSSR no.7:87-94 '63. (MIRA 17:3)

ZUBRILOV, I.Ye., kand. tekhn.nauk; FYAZOK, R.A., kand tekhn. nauk; SHUL'MIN,  
B.M., kand tekhn. nauk

Determining the economically advantageous limit of drawing from caved  
blocks at the "Magnetitovaia" Mine of the Vysokogorskiy Mining  
Administration. Izv.vys.ucheb.za"; ser.zhur. 7 no.6:19-22 '64.  
(MIRA 17322)

1. Institut gornogo dela Gosmetallurgkomiteta SSSR. Rekomendovana  
kafedroy razrabotki rudnykh mestorozhdeniy.

6-58-2-9/21

AUTHOR: Shul'min, M. V.

TITLE: On the Problem of the Levelling of 3rd Order (K voprosu o nivelirovanii III klassa)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 2, pp. 34 - 38 (USSR)

ABSTRACT: In the rules for the levellings of the 1st, 2nd, 3rd, and 4th order dating from 1955 some modifications of the levelling of 3rd order were made. According to the new methods the elevations are computed only from the readings taken from the central cross section and as final value the arithmetic mean

$$\Delta h_{\text{mean}} = (\Delta h_{\text{black}} + \Delta h_{\text{red}})/2 \text{ is taken.}$$

The readings from the telemeter cross hairs are used only for control purposes. This modification is due to greater accuracy of reading from the central cross hairs than from the lateral hairs. According to computations made by L. A. Bashlavin the relation of the standard deviation per 1 km

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6-58-2-9/21

On the Problem of the Levelling of 3rd Order

of line is 0,94, in levelling according to the old and the new method. Thus, the new method lags only little behind the old method as to accuracy, however, it has some advantages as to working productivity. There are 2 tables, and 2 references, which are Soviet.

1. Mapping—Equipment
2. Geophysical surveying

Card 2/2



3(4)

AUTHOR:

Shul'min, M. V.

SOV/6-59-10-3/21

TITLE:

On the Influence Exercised by Errors of Diameters Upon the Measurement Accuracy of Horizontal Angles

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 10, pp 15-18 (USSR)

ABSTRACT:

The Vostochno-Sibirskoye AGP (East Siberian Aerogeodetical Organization) attempted to determine the influence exercised by diameter errors upon the results of measurement. For this purpose, the optical transit of the OT-02 type Nr 9705 was chosen. The errors of the horizontal-circle diameter were twice determined every  $5^{\circ}$  by S. V. Yeliseyev's method. This work was done very thoroughly by Engineer E. S. Ukhova. On the basis of the results the diagram was plotted which is shown in the figure. The following results were obtained: (1) The influence of diameter errors may entail superfluous repetition of the individual observations, as shown by the fact that 80% of all repeated observations had to be made in consequence of the influence of diameter errors. (2) If corrections are therefore made, the root mean square error of the direction (in  $n$  observations) will be higher by an average of 25%. (3) To eliminate inaccuracies in the repetition of

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On the Influence Exercised by Errors of Diameters  
Upon the Measurement Accuracy of Horizontal Angles

SOV/6-59-10-3/21

observations, observers are advised to plot diagrams for diameter corrections on the basis of investigations of the limbus in the plant. To avoid needless repetition of observations, it is recommended that the specifications for triangulations of the first, second, third, and fourth order permit angular differences between observations of up to 5" (if this is caused by the influence of diameter errors) when using optical transits of the OT-02 type. There are 1 figure and 3 tables.

Card 2/2

3(4), 24(4)

S/006/60/000/02/005/024

AUTHOR:

Shul'min, M. V.

B007/B011

TITLE:

On the Formula for the Computation of the Run With the  
Optical Micrometer OT-02<sub>γ</sub>

PERIODICAL:

Geodeziya i kartografiya, 1960, Nr 2, pp 26-28 (USSR)

ABSTRACT:

The run is defined by the difference between two values of the semicircle division - the nominal value and the one determined by means of the micrometer. The magnitude of the run in seconds is calculated from formula (1) and (2) respectively. With large values of the run, however, both formulas become inaccurate. The precise formula, in this case, is equation (3). When determining the run for the upper and lower image of the circle diameter, formula (3) can be converted to formula (4). In this case, formula (2) obtains the form of (5). When utilizing formula (3) the correction for run is introduced with the inverse sign. Moreover, the utilization of these formulas eliminates the sign confusion when introducing the correction for run, as is the case when utilizing (1) and (2). A table offers the comparison between the run values calculated from formula (1) and from formula (4). The same

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On the Formula for the Computation of the Run  
With the Optical Micrometer OT-02

S/006/60/000/02/005/024  
B007/B011

table shows the greatest error in the correction for run. It may be observed from the table that with the run not exceeding 2", errors arising in the calculation of the run and in the introduction of the corresponding correction are negligibly small. If, however, the run value equals 3" and more, the errors will be of the order of tenths of seconds, and must be considered. Therefore, when observing by the aid of OT-02, one should utilize the accurate formula (3), even though the run value seldom amounts to 4-5". There is 1 table.

Card 2/2

SHUL'MIN, .M.V.

For efficient use of field measurements in producing a map on a scale of 1:25,000 by the stereotopographic method. Geod. i kart. no. 12:33-36 D '60. (MIRA 14:1)

(Aerial photogrammetry)

SHUL'MIN, M.V.

Engineer Kusov's suggestion. Geod.i kart. no.6:39-42 Je '61.  
(MIRA 14:6)

(Leveling)

SHUL'MIN, M.V.

Photogrammetric control of elevations by the use of small-scale  
aerial photographs. Geod.i kart. no.2:36-40 F '62. (MIRA 15:3)  
(Aerial photogrammetry)

SHUL'MIN, M.V.

Study of errors in determining the heights of points from multiple  
observations on the STD-2 stereotopometer. Geod. 1 kart. no.9:  
46-49 S '63. (MIRA 16:10)



SHUL'MIN, M.V.

Analyzing the accuracy of the stereotopographic method for making  
maps on a scale of 1:25,000. Geod. i kart. no.3:46-49 Mr '64.  
(MIRA 17:9)

L 04699-67 EWT(m)/EWP(j) LJP(c) WW/RM

ACC NR: AP6031283

SOURCE CODE: UR/0229/66/000/008/0064/0067

AUTHOR: Pikul', V. V.; Shul'min, V. I.

21  
19  
B

ORG: none

TITLE: Experience in the design and construction of plastic lifeboats

SOURCE: Sudostroyeniye, no. 8, 1966, 64-67

TOPIC TAGS: life raft, polyurethane, shipbuilding engineering, plastic filler

ABSTRACT: On the basis of modern views on the nature of external and internal forces, the design and construction of small plastic lifeboats is discussed, and the possibility of applying similar methods to the building of large lifeboats is analyzed.

The Soviet Interdepartmental Commission for the Use of Plastics in Shipbuilding has approved for small plastic lifeboats (up to 6 m long) a frameless construction technique involving the use of a type PPU-3S polyurethane foam sandwiched between two shells (see Fig. 1). The inner

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UDC: 629.125.5.011.28

L 04699-67

ACC NR: AP6031283

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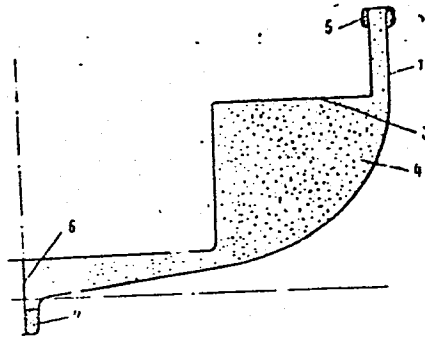


Fig. 1. Cross-section of a frameless lifeboat

1 - Outer shell, 3 mm; 2 - keel;  
3 - inner shell, 2.5 mm; 4 - plastic  
filler; 5 - bulwark; 6 - middle  
keelson.

shell is locally reinforced with brackets, and is provided with semi-bulkheads of type PKhV-11<sup>1</sup> foamed plastic, which divide the space between the shells. The plastic filler cannot be considered to contribute to the total strength of the boat's hull, since it effects only a local strengthening of the shell structure. The hull is calculated as a uniformly loaded beam of prismatic section with two points of support on its lifting eyes. Calculated values for strength and modulus of elasticity are tabulated for 13 types of lifeboats carrying between 10 and 99 per-

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ACC NR: AP6031283

sons and assuming a double-shell structure of 3.0-mm (outer-shell) and 2.5-mm (inner-shell) thickness. From the results of this analysis, it can be concluded that glass-reinforced plastics with the following specifications can be used for the shell structure: bending strength, 1400 kg/cm<sup>2</sup>; shear strength, 500 kg/cm<sup>2</sup>; and modulus of elasticity,  $E = 0.70 \times 10^5$  kg/cm<sup>2</sup>. The strength and E calculations are based on the theory of a continuously supported beam under a static load effecting a maximum deflection of 1/50 of the beam span.

A table presents the calculated characteristics of the plastic filler for the 13 types of lifeboats discussed. In addition, most types of rigid and semiflexible foamed plastics are suitable for use in panel construction. It is concluded that for the outer layers of shells containing glass fiber with satin interweaving the modulus of elasticity can be augmented as much as required for applying the same material for the 3-mm-thick shells of the larger lifeboats. Orig. art. has: 2 figures, 3 tables and 6 formulas. [ATD PRESS: 5088-F]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 005

AUTHOR

Shul'mina, A.I.

20-4-35/60

TITLE

On the mechanism  
(O mekhanizme deystviya katalazy)

PERIODICAL

Doklady Akademii Nauk SSSR, 1957, Vol. 115, No. 4,  
pp. 759-762 (USSR)

ABSTRACT

A great number of investigations were devoted to the study of the catalase process. The current conceptions on the kinetics and the mechanism of the action of catalase, however, are unsatisfactory. Especially strange is the incongruity of the most widely spread schemes with the experimentally obtained data and with the concepts of the never chemical kinetics. In the latter the problem of composition, structure and properties of the activated transition complex is fundamental. Equally fundamental in enzymology is an analogous problem concerning the transition complex of the enzyme with the substratum. The mechanism of the enzymatic process of catalase and that of the thermal, catalytic and photochemical decomposition of hydrogen peroxide are no doubt related with each other and essentially contain equal terms. According to Semenov the linear structure of the transition complex and the participation of free

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On the Mechanism of the Action of Catalase.

radicals, as intermediate reaction products, are of great importance. In the case of suitable mechanism, sufficiently deep activation barriers of the reaction can be imagined. The free radicals, similar to the neutrons on the occasion of nuclear transformation of atoms, enter almost without activation energy into a close interaction with the molecules and considerably increase their reactivity. The decomposition of hydrogen peroxide can, according to a number of characteristics, be classified with the class of branched chain reactions. A probable scheme with participation of the free radicals OH and  $\text{HO}_2$  is given. It is obvious that an increase in the speed of development of one or the other of the two free radicals accelerates the reaction. But the tests of a simple transference of the data and conceptions of the chemical kinetics to the enzymatic catalysis failed. The authors believe that additional assumptions are necessary for understanding the mechanism of the enzymatic catalysis. The theory expects the appearance of a higher hydrogen peroxide in the process of catalase (comp. Bakh). Emanuel' and Kruglyakova proved the formation of a considerable concentration of an

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## On the Mechanism of the Action of Catalase.

intermediate product ( $\text{HO}_2$ ) which can permanently maintain itself in the solution (in form of  $\text{H}_2\text{O}_4$ ). The formation of the higher peroxide in the process of catalase must also manifest itself in an incomplete separation of oxygen. The non-decomposed peroxide must contain more oxygen than is necessary for a normal peroxide. In their search for a convenient and reliable method the authors remained at a combination of:

- 1) Permanganate titration of peroxide, and
- 2) a somewhat modified Winkler method. The difference between the data of the two methods yields the quantity of the higher peroxide. Fig. 1 gives data on the values in time according to the two methods on the composition of peroxides of the reacting mixture (curves of types 1 and 2), the curve 3 = 2, i.e. to the content of the higher peroxide. Fig. 2 records the dependence of the moment at which the optimum concentration is reached on the concentration of the enzyme. A satisfactory inverse dependence of the optimum moment on the concentration of the catalase is obvious. Thus the obtained experimental data are in good agreement with theoretical

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17(3)

AUTHORS:

Shul'mina, A. I., Afanas'yev, P. V.

SOV/20-124-6-46/55

TITLE:

On the Catalase Process (O katalaznom protsesse)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6, pp 1347-1349  
(USSR)

ABSTRACT:

In the catalase process a higher hydrogen peroxide ( $X_4$ ) is formed as intermediate product (Ref 1). The existence of this product in time must be subjected to the stationary laws. This period of time which corresponds to the maximum accumulation of  $X_4$  must depend only on the concentration of the peroxide  $H_2O_2$  (S). According to the scheme of catalase process suggested by the authors (Ref 1), the dependence of the resulting  $X_4$  on the S concentration can be derived (1). From this the dependence of the concentration of the free ferment  $F_0$  on the concentration of the substrate S (2) is further derived. By substitution of (2) into (1) the dependence of the  $X_4$  concentration on the total concentration of the ferment  $F_0$

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## On the Catalase Process

and in the substrate concentration  $S$  (3) is determined,  $k_1, k_2, k_3, k_4$  and  $k_5$  being the rate constants of the corresponding reactions. The function (3) has its maximum at a positive real value of  $S$ . Thus the  $X_4$ -concentration, which is formed in the

catalase process, attains its maximum at a certain  $S$ -concentration. It was the purpose of the present paper to investigate experimentally and theoretically the dependence of the  $X_4$ -concentration on the concentration  $S$ . Figure 1 presents

data on the concentration of higher peroxide (determination method as described in Ref 1) on the basis of experimental kinetic curves  $S(t)$ . As may be seen, the concentration formed in the catalase process is largely dependent on the concentration of the substrate  $H_2O_2$ . Figure 2 shows the

dependence of the maximum concentration of higher peroxide on the  $H_2O_2$ -concentration. Accordingly, experimental data are in

good accordance with theoretical expectations. Figure 3 shows the dependence of the initial rate of the catalase process on the initial concentration of  $H_2O_2$  as determined by graphic differentiation. It indicates that the rate of the

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catalase process is really dependent on the substrate concentration as was expected. From figure 4 the supposed parallelism between the dependence of the rate of the catalase process on the substrate concentration on the one hand and the dependence of the concentration of higher peroxide on the same concentration on the other may be seen. It may be concluded from the above data that the mechanism suggested reflects to a certain extent the real catalase process. There are 4 figures and 3 Soviet references.

ASSOCIATION: Institut biokhimii im. A. N. Bakha Akademii nauk SSSR  
(Institute of Biochemistry imeni A. N. Bakh of the Academy of Sciences, USSR)

PRESENTED: October 25, 1958, by A. L. Kursanov, Academician

SUBMITTED: June 9, 1958

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S/205/62/002/001/007/010  
D268/D302

27 2400

AUTHORS: Grayevskiy, E.Ya., Nekrasova, I.V., and Shul'mina, A.I.

TITLE: A study of the radioprotective action on protozoa of some protective substances

PERIODICAL: Radiobiologiya, v. 2, no. 1, 1962, 148 - 155

TEXT: The radioprotective effect of AET (aminoethyl-isothiuronium Br. HBr) at 0.017 and 0.0033, cysteinamine at 0.005 - 0.02, cystinamine at 0.0017, 0.003, and 0.0166, and heroin at 0.0017 - 0.0066 mg/ml. was studied in "Paramecium caudatum" cultured individually in Lozina-Lozinskiy medium at 21°C. AET was dissolved in twice distilled water, made alkaline with NaOH to pH 6.9 - 7.2, and the other protectors in twice distilled water alone. After 15 min. in the respective medium infusoria were irradiated with x-rays at a dose of 100 kr. at 1 - 30°C with 100 "Paramecia" / 0.1 ml. medium in glass vessels within a plexiglass container in which vacuum conditions could be produced. AET clearly increased survival of infusoria both with pH 5 and neutral medium and there was some protection

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A study of the radioprotective ...

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0008/0302

centrations studied had some toxicity for the infusoria, and markedly increased the injurious effect of irradiated aqueous solutions. The comparatively weak protective effect of MBT on infusoria irradiated in aerated solutions and the absence of any supplementary protective effect in vacuo are thought to be due to toxicity accumulated under irradiation. There are 9 figures and 5 references: 4 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: R.F. Kimball, Ann. N.Y. Acad. Sci., 59, 638, 1955.

ASSOCIATION: Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR Moscow (Institute for Animal Morphology im. A.N. Severtsova, AS USSR, Moscow)

SUBMITTED: July 26, 1961

Card 3/3

GRAYEVSKIY, Ye.Ya.; NEKRASOVA, I.V.; SHUL'MINA, A.I.

Examination of the antiradiation action of some protective substances on Protozoa. Radiobiologiya 2 no.1:148-155 Ja '62  
(MIRA 18:1)

SHUL'NIKOVA A. YE.

FEDOROVA, O.F. (g. Leningrad); SHUL'NIKOVA, A.Ye. (g. Leningrad)

Experience derived from the conduction of an excursion of a class on  
physics and chemistry. Fiz. v shkole 14 no.5:74-77 S-0 '54. (MLRA 7:9)  
(Physics--Study and teaching) (School excursions) (Chemistry--  
Study and teaching)

SHULOV, A.S.: VEYSMAN, A.I.

Observations on the hemolymph and venom scorpions. Zool.zhur. 38  
no.7:1018-1027 J1 '59. (MIRA 12:10)

1. Department of Zoology, Hebrew University (Jerusalem, Israel).  
(Scorpions) (Hemolymph) (Venom--Physiological effect)

~~B.S.~~ Shulov, B.S.

621.315.17  
575. DESIGN AND ERECTION OF 20 KV LINES. B.S. Shulov  
Elekt. Stantsii, 1957, No. 8, 28-30. In Russian.  
Experience in Latvia has confirmed the economy and expediency  
of distributing power over a 110/20/0.4 kV as compared with a  
110/35/10/0.4 kV system and raises the question of introducing  
20 kV as standard. With changeover to a 2-conductor/3-wire system  
and a mixed single-phase/3-phase system to a 20 kV network, the  
advantages of power distribution in rural localities are evident.  
Central Electricity Generating Board Digest



SHULOV, B.S., inzh.

Concerning some problems in the development of a 20 kv. electric  
power distribution network in the Latvian S.S.R. Energetik 9  
no.3:3-6 Mr '61. (MIRA 14:7)  
(Latvia--Electric power distribution)

KRISHAN, Z.P. [Krisans, Z.] kand.tokhn.nauk; SHULOV, B.S., inzh.

Choice of the voltage rating of electric power distribution networks with consideration of future loads. Mekh. i elek. sots. sel'khoz. 20 no.3:34-36 '62. (MIRA 15:7)

1. Institut energetiki AN Latviyskoy SSR (for Krishan).
2. Latgiprosel'stroy (for Shulov).  
(Rural electrification)  
(Electric power distribution)

MOGIL'NITSKIY, Noya Abelevich; SHULOV, Boris Solomonovich;  
NIKOLAYEVA, M.I., red.; LARIONOV, G.Ye., tekhn. red.

[20 kv. power distribution system in the Latvian S.S.R.] Pri-  
menenie napriazhenia 20 kv. v Latviiskoi SSR. Moskva, Gos-  
energoizdat, 1963. 166 p. (MIRA 16:5)  
(Latvia--Electric power distribution)

SIROTA, I.M., kand. tekhn. nauk (Kiyev); NAUMOVSKIY, L.D., inzh.  
(Leningrad); TSIREL', Ya.A., inzh. (Leningrad); KLEBANOV, Z.I.  
(Bobruysk); KAMENSKIY, A.P. (Bobruysk); BOYCHUK, S.I. (Bobruysk);  
IOZEFVICHUS, D.I., inzh. (Kaliningrad); SHULOV, B.S., inzh. (Riga)

Neutral operating mode in electric power distribution systems.  
Elektrichestvo no.1:84-91 Ja '64. (MIRA 17:6)

SHULOV, L.M.  
GORBACHEVA, I.N.; BUSHBEK, G.V.; VARNAKOVA, L.P.; SHULOV, L.M.; PEROBRAZHEN-  
SKIY, N.A.

Synthesis of the methyl ether of the racemic alkaloid dauricine.  
Zhur. ob. khim. 27 no.8:2297-2301 Ag '57. (MLRA 10:9)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii.  
(Alkaloids)

KHEYFITS, L.A.; SHULOV, L.M.; BROUN, E.V.; BELOV, V.N.

Terpenophenols. Part 4: Products of the condensation of camphene  
with *o*-cresol. Zhur. ob. khim. 31 no. 2:672-677 F '61. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh  
i natural'nykh dushistykh veshchestv.  
(Camphene) (Cresol)

KHEYFETS, L.A.; SHULOV, L.M.; PERSIANOVA, I.V.; BELOV, V.N.

Tepeneophenols. Part 5: Determination of the dissociation  
constants of some sterically hindered terpenophenols in aqueous  
organic solvents. Zhur. khim. ob. 31 no.3:723-726 Mr '61.

(MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh  
i natural'nykh dushistykh veshchestv.  
(Phenols)

KHEYFITS, L.A.; SHULOV, L.M.; BELOV, V.N.

Terpene phenols. Part 6: Condensation of camphene with p-cresol  
and further transformations of the condensation product. Zhur.ob.  
khim. 32 no.5:1474-1476 My '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh  
i natural'nykh dushistykh veshchestv.  
(Camphene) (Cresol)



KHEYFITS, L.A.; SHULOV, L.M.; KOKHMANSKIY, A.V.; BELOV, V.N.

Terpene phenols. Part 7: Conversions of condensation products of  
camphene with o-cresol. Zhur.ob.khim. 32 no.8:2717-2722 Ag '62.  
(MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh  
i natural'nykh dushistykh veshchestv.  
(Camphene) (Cresol)

KHEYFITS, L.A.; SHULOV, L.M.; GOL'DOVSKIY, A.Ye.; BELOV, V.N.

New odorous substances based on norbornene. Trudy VNIi NDV  
no.6:25-29 '63. (MIRA 17:4)

KHEYFITS, L.A.; SHULOV, L.M.; MOLDAVANSKAYA, G.I.; SKVORTSOVA, A.B.;  
NOVIKOVA, Ye.N.

Oximation of terpenocyclohexanones. Trudy VNIISNDV no.6:112-116  
'63. (MIRA 17:4)

BOGDANOV, K.A.; YAKUSHEVA, Ye.F.; SHULOV, L.M.

Odoriferous principle with a sweet musk odor obtained from a dicresol mixture. Masl.-zhir.prom. 29 no.1:37 Ja '63. (MIRA 16:2)

1. Kaluzhskiy kombinat sinteticheskikh dushistykh veshchestv (for Bogdanov, Yakusheva). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv (for Shulov).

(Musk)

(Cresol)

KHEYFITS, L.A.; SHULOV, L.M.; KOKHMANSKIY, A.V.; BELOV, V.N. [deceased]

Terpene phenols. Part 11. Condensation of norbornene with o-cresol  
and transformations of the condensation product. Zhur.ob.khim. 33  
no.7:2412-2418 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i  
natural'nykh dushistykh veshchestv.  
(Norbornene) (Cresol)

KHEYFITS, L.A.; SHULOV, L.M.; BELOV, V.N. [deceased]

Terpene phenols. Part 12: Condensation of camphene and norbornene  
with p-cresol and transformations of condensation products.  
Zhur. ob. khim. 33 no.8:2748-2751 Ag '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh  
i natural'nykh dushistykh veshchestv.

KHEYFITS, L. A.; SHULOV, L. M.; GURA, Yu.; GOL'DOVSKIY, A. Ye.

"Sintes dushistykh veshstva na osnove norbornena."

report submitted for 35th Intl Cong, Industrial Chemistry, Warsaw, 15-19 Sep  
64.

BYSTROV, V.F.; SHULOV, L.M.; KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.

Proton magnetic resonance spectra of terpene phenols prepared  
by condensation of camphene with phenol and cresols. Zhur. ob.  
khim 34 no.7:2476-2477 J1 '64 (MIRA 17:8)

1. Institut khimicheskoy fiziki AN SSSR i Vsesoyuznyy nauchno-  
issledovatel'skiy institut sinteticheskikh i natural'nykh  
dushistykh veshchestv.



KHEYZIS, L.A.; BOLDOVANIKAYA, G.I.; SHILOV, I.M.

Thin-layer chromatography of some alkyl phenols and alkyl  
cyclohexanones. Zhur. anal. khim. 18 no.2:267-274 F '63.  
(MIRA 17:19)

1. All-Union Scientific-Research Institute of Synthetic and  
Natural Perfumes, Moscow.

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; SHULOV, L.M.

Terpene phenols. Part 20: Structure of terpene radicals in terpene phenols obtained from camphene. Zhur. org. khim. 1 no.6:1057-1063 (MIRA 18:7)  
Je '65.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv.

KHEYFITS, L.A.; SHILOV, L.M.

Terpene phenols Part 21: Structure of terpene radicals in terpene phenols obtained from  $\alpha$ - and p-cresols and camphene. Zhur. org. khim. 1 no.6:1067-1067 Je '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv.

SHOLOV, M. I.

Safe replacement of fuses in the presence under potential. Energetik  
8 no.8:27 Ag '60. (MBA 13:10)

(Electric fuses)

SHULOV, M.S.; IGOLKIN, V.N., redaktor; MULIKOVA, I.R., tekhnicheskiy redaktor

[Booklet on safety measures for gas welders] Pamiatka po tekhnike bezopasnosti dlia gazosvarshchika. Moskva, Nauchno-tekhn. izd-vo avtotransportnoi lit-ry, 1954. 25 p. (MIRA 8:6)  
(Oxyacetylene welding and cutting--Safety measures)

DOMBROVSKIY, V.A.; GAGEN-TORN, V.A.; GUTKEVICH, S.M.; POLYAKOVA, T.A.;  
SVECHNIKOV, M.A.; SHULOV, O.S.

The 20" reflecting telescope with an astrophotometer for photo-  
metric, colorimetric and polarimetric studies. Uch.zap.LGU  
no.328:83-94 '65.

(MIRA 18:10)

SHULOV. O.S.

Basic characteristics of the set of the FEU-31 and FEU-64 photo-  
multipliers. Uch.zap.LGU no.328:95-103 '65.

(MIRA 18:10)

SHULOV, O.S.

Polarization in  $\beta$  Lyrae. Uch.zap.LGU no.307:155-165 '62.  
(MIRA 15:9)  
(Stars, Variable) (Polarization (Light))



IL'INOV, S.P.; NOVAK, D.D., kandidat veterinarnykh nauk; LAVRUSHKO, T.A.;  
SHULOV, V.V.; KLIMOV, N.D.

Crowfoot poisoning showing clinical aspects of a bradset-type  
disease. Veterinariia 32 no.3:79-84 Mr '55. (MLRA 8:4)

1.Direktor Yuzhno-Kazakhstanskoy NIVOS (for Il'inev).2.Starshiy  
nauchnyy sotrudnik NIVOS (for Novak).3.Veterinarnyy vrach NIVOS  
(for Lavrushko).4.Glavnyy veterinarnyy vrach Chinkentskego uprav-  
leniya sevkhoev (for Shulev).5.Direktor Chinkentskoy mezhsevkhoz-  
noy vetbaklaboratorii (for Klimov).  
(SHEEP--DISEASES) (CROWFOOT--TOXICOLOGY)

SHULGV, V.V.

Pregnant mare's serum is a powerful aid in stockbreeding. Veter-  
inariia 36 no.11:12-15 N '59 (MIRA 13:3)

1. Glavnyy veterinarnyy vrach Chimkentskogo tresta karakulevodcheskikh  
sovkhozov, Yuzhno-Kazakhstanskoy oblasti.  
(Serum) (Stock and stockbreeding)

SHKURINA, T., dotsent; SHULOVICH, V., doktor, assistant

Collected papers from the first, second, and third gynecological weeks in Belgrade. Akush.i gin. 35 no.6:115-121 N-D '59.

(MIRA 13:4)

(GYNECOLOGY)

SHUL'PEKOV, G.S., inzh.

Soil stabilization on highways in the Lower Don region. Avt.dor.  
25 no.7:6-7 J1 '62. (MIRA 15:8)  
(Don Valley--Soil stabilization)

SHUL'PENKOV, V.M., inzh.

Traction calculations for diesel locomotive traction. Sbor. LIIZHT  
no.158:147-158 '58. (MIRA 11:6)  
(Diesel locomotives)

SHUL'PENKOV, V.M., inzh.

Establishing efficient load norms for freight trains using diesel  
locomotive traction. Sbor. LIZHT no.158:159-165 '58. (MIRA 11:6)  
(Railroads--Train load) (Diesel locomotives)

SHUL'PENKOV, V.M., inzh.

Graphic analytical method of calculating the heating of electric traction machines without plotting time and current curves. Vest. TSNIIMPS 21 no.2:16-19 '62. (MIRA 15:4)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta.  
(Electric locomotives--Design and construction)

NESTERENKO, N. I. (Minsk); ZAYTSEV, P. F., kand. tekhn. nauk (Minsk);  
AKIMOV, V. I., kand. tekhn. nauk (Minsk); SHUL'PENKOV, V. M.,  
inzh. (Minsk)

Prospects of the expansion of the White Russian Railroad.  
Zhel. dor. transp. 45 no.1:49-51 Ja '63. (MIRA 16:4)

1. Glavnyy inzh. Belorusskoy dorogi (for Nesterenko).

(White Russia--Railroads)



SHUL'PENKOV, V.M., starshiy prepodavatel'

Needed textbook of technical and economic calculations. Zhel.  
dor.transp. 45 no.10:92-93 0 '63. (MIRA 16:11)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta,  
Gomel'.

AKIMOV, W.T., kand. tekhn.nauk (Gomel'); ZAYTSEV, P.F., kand.tekhn.nauk (Gomel');  
POTAPENKOV, Z.I., kand.ekonom.nauk (Gomel'); SHUL'PENKO, V.M., inzh.  
(Gomel'); SALKO, L.I., inzh. (Gomel')

Preparing a railroad line for high-speed traffic. Zhel.dor.transp.  
47 no.10:55-57 0 '65. (MIRA 18:10)

SHEPARDSON, A. E.

Mem., Glavach Sci. Res. Trachoma Inst., -1949-. "Diagnosis of New Trachoma Infections based on the presence of Prowasek's Bodies," Vest. Oftalmol., 22, No. 6, 1949.

SHUL'PIN, A.A.; STRAKHOVA, A.I.

Utilization of abrasive tool scraps. Stan. i instr. 36  
no.10:37-38 0 '65. (MIRA 18:11)