

SIVOKON', P.Ye., kand.filos.nauk

Reason against mysticism ("Rationalism in Theory and Practice"
by Archibald Robertson. Reviewed by P.Ye.Sivokon'). Nauka i zhizn'
25 no.10:51 0 '58. (MIRA 11:11)
(Rationalism) (Robertson, Archibald)

EL'MANOVICH, Sergey Sergeyevich; SIVOKON', P.Ye., red.; KOVALENKO,
V.L., tekhn.red.

[Scientific and atheistic training in physics lessons] Nauchno-
steisticheskoe vospitanie na urokakh fiziki. Moskva, Gos.
uchebno-pedagog.izd-vo M-va prov.RSFSR, 1959. 101 p.

(MIRA 13:7)

(Atheism--Study and teaching) (Physics--Study and teaching)

SIVOKON' P.

Preachers of ignorance ("Modern theology and science" by I.A.
Kryvelev. Reviewed by P. Sivokon⁴). Nauka i zhizn' 27 no.3:72-
73 Mr '60. (MIRA 13:6)
(Religion and science) (Kryvelev I.A.)

SIVOKON', P.Ye.; SPASSKIY, B.I., dots.; LEONT'YEV, V.M., red.;
LAZAREVA, L.V., tekhn. red.

[Origin and philosophical nature of scientific experiment]
O proiskhozhdenii i filosofskom znachenii estestvenno-
nauchnogo eksperimenta. Moskva, Izd-vo Mosk. univ., 1962.
201 p. (MIRA 15:5)

(Science--Philosophy)

FATALIYEV, Khalil' Magomedovich[deceased]; NOVOSEL'TSEV, K.A., red.;
SAFONOV, Yu.F., red.; SIVOKON', P.Ye., red.; SOKOLOVSKAYA,
T.A., red.; LAZAREVA, L.V., tekhn. red.

[Marxism-Leninism and the natural sciences] Marksizm-leninizm
i estestvoznaniye. Red. kollegiya: K.A.Novosel'tsev, Yu.F.Safonov,
i P.E.Sivokon'. Moskva, Izd-vo Mosk.univ., 1962. 351 p.
(MIRA 15:9)

1. Sotrudniki kafedry dialkticheskogo i istoricheskogo ma-
terializma estestvennykh fakul'tetov Moskovskogo gosudarstven-
nogo universiteta (for Novosel'tsev, Safonov, Sivokon').
(Communism and science)

SIVOKON', V.I. [Syvokon', V.I.]

Origin of graphites in the Zaval'ye deposits. Geol.zhur. ~~18~~.
no.6:39-46 158. (MIRA 12:1)
(Zaval'ye region (Ukraine)---Graphite))

SIVOKON', V.I., inzh.

Alkali kaolins from the Prosyannaya deposit are a source of high-potash feldspar raw materials. Stek. i ker. 22 no.8:25-27 Ag
165. (MIRA 18:9)

1. Khar'kovskaya komplekhnaya geologo-razvedochnaya ekspeditsiya.

SIVOKON', V.P.; SVYATKIN, N.S.

Use of waste heat instead of steam. From.energ. 18 no.2:8-9
F '63. (MIRA 16:2)

(Boilers)

BIBIKOV, I.; DEREVYANKO, K.; KAZACHKO, V.; KIRICHENKO, I.; KUCHER, N.;
MACHUKHO, A.; NABATNIKOV, P.; SOKOLOV, B.; SIVOKON'Y, US, V.;
SHCHIGALEV, V.; BURAVENKO, N.; KOVSHAROV, S.; SOKOLOV, S.;
ZAGORUL'KO, S.; TSYBA, M.; FOMENKO, I.; LYAKHOVEISKIY, M.

Let us help farmers grow an abundant crop. Grazhd. av. no.3:3
Mr '61. (MIRA 14:3)

(Aeronautics in agriculture)

ACC NR: AT7004460

AUTHOR: Sivokon', Ye. P.

SOURCE CODE: UR/2834/66/051/001/0085/0089

ORG: none

TITLE: Determining the bearing capacity of potassium-salt pillars between rooms when packing waste by hydraulic methods

SOURCE: Leningrad. Gornyy institut. Zapiski, v. 51, no. 1, 1966, 85-89

TOPIC TAGS: mining engineering, pressure effect, potassium mineral, underground facility

ABSTRACT: The room-and-pillar system of mining may lead to considerable loss of ore; in some Soviet salt mines, the waste of valuable salts amounts to 50%. This loss may be diminished by decreasing the size of pillars between rooms and by filling excavated rooms with waste. Hydraulic packing of waste from the concentration plant is most effective, since this also takes care of the removal of plant tailings. Auxiliary material such as sand and gravel should also be used to help fill the worked-out rooms. The bearing capacity of such waste material has been inadequately studied, however. The author has made a study of the effect of hydraulic packing on pillars in the Kaluga deposit of potassium salts. Characteristic features of this deposit, as well as of related deposits in the Carpathian region, are inhomogeneity of the material and a clay content amounting to as much as 30%. The productive

UDC: 622.838.53

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SUB CODE: 08/

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SIVOKHIN, Ye.P.

Containing mine holes in the Kalush deposit of potassium
salts in the chamber-and-pillar system of development.
Sib. nauch. truz. UkrNIISol' no.7:29-32 '64 (MIRA 18:1)

СИВЧОНЕНКО, И.И.

Supports for Moving Parts of Instruments.

Sudpromgiz (1952) pp. 22 and 150

SIVOKONENKO, I.M.; YAVLENSKIY, K.N.; YABLONSKAYA, L.V.

Using small-size ball bearings in the manufacture of aeronautical instruments. Trudy LIAP no.11:62-68 '56. (MIRA 11:2)

(Ball bearings)

(Aeronautical instruments)

SOV/124-58-1-176

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 19 (USSR)

AUTHORS: Sivokononko, I M., Yavlenskiy, K. N.

TITLE: The Rpm Dependence of the Friction Moment in Instrument Ball Bearings (Zavisimost' momenta treniya v pribornykh shariko-podshipnikakh ot chisla oborotov)

PERIODICAL: Tr. Leningr. in-ta aviats. priborostr., 1956, Nr 11, pp 69-80

ABSTRACT: A presentation of the results of theoretical and experimental research on the friction moment of ball bearings operating at high rpm (e. g., in gyroscopes and high-speed motors). The investigations were performed up to 25,000 rpm. The authors are of the opinion that, above 4,000-6,000 rpm, centrifugal forces exert a noticeable influence on the magnitude of the friction moment.

V. M. Alyamovskiy

Card 1/1

SOV/124-59-9-10472

Translation from: Referativnyy zhurnal, Mekhanika, 1959, Nr 9, p 127 (USSR)

AUTHORS: Aref'yev, B.A., Sivokononko, I.M.

TITLE: On the Resistance to Rolling of a Ball Over a Plane (On "Rolling Friction")²⁶

PERIODICAL: Tr. Leningr. in-t aviats. priborostr., 1958, Nr 19, pp 127 - 143

ABSTRACT: A semi-empirical approximate estimate of the resistance force to rolling of a ball over a plane is derived under the presumption, that this resistance is caused by elastic tangential stresses arising as a consequence of cohesion between the ball and the plane over the entire surface of their elastic contact range. A graphic comparison of the experimental results with the calculation by the approximate formula is carried out.

N.A. Rostovtsev

Card 1/1

✓

VINETS, Ya.M.; SIVOKONENKO, I.M.; SIMKHOVICH, I.S.; YAVLENSKIY, K.N.

Effect of magnetic fields on the antitorque moment in instrument
ball bearings. Av.prom. 26 no.8:27-29 Ag '57. (MIRA 15:4)
(Ball bearings---Testing)

SOV/123-59-15-60141

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 15, p 177 (USSR)

AUTHORS: Sivokononko, I.M., Yavlenskiy, K.N.

TITLE: Variations of the Friction Moment in Instrument Bearings Depending on the Magnitude of Atmospheric Pressure

PERIODICAL: Tr. Leningr. in-t aviats. priborostr., 1958, Nr 19, pp 155 - 158

ABSTRACT: Results are given on the investigations of variations of the moment of friction in lubricated and non-lubricated center bearings and ball bearings with an outer diameter of 10 mm, in dependence on variations of the rarefaction of the surrounding medium. The investigated steel centers or inner bearing races were connected with an electromotor, and the agate thrust bearings and outer bearing races with a dynamometric device consisting of a speculum, electromagnetic damper and hair-spring. The twisting of the latter, under the effect of the moment of friction, was recorded on photographic paper by the deviation of the light ray reflected from the speculum. The drive and dynamometric device were put under a hood

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SCV/123-59-15-60141

Variations of the Friction Moment in Instrument Bearings Depending on the Magnitude of Atmospheric Pressure

from which the air was pumped out. The investigation showed that, at a decrease of atmospheric pressure down to $2 \cdot 10^{-2}$, the moment of friction increases: for center bearings without lubrication by 11%, with lubrication by 15%, and for ball bearings without lubrication by 20%, and with lubrication by 38%. 3 figures, 4 references.

K.S.M

Card 2/2

SIVOKONENKO, I.M.; YAVLENSKIY, K.N.

Investigating ball bearings used in gyroscopic devices. Vop.
prikl. gir. no.2:16-24 '60. (MIRA 15:4)
(Ball bearings) (Gyroscopic instruments)

SIVOKONENKO, I. M

SOV/6070

PHASE I BOOK EXPLOITATION

Babayeva, Nina Fedorovna, Valentin Mikhaylovich Yerofeyev, Igor' Mikhaylovich Sivokoneno, Yuriy Mikhaylovich Khovanskiy, and Konstantin Nikolayevich Yavlenskiy

Detali i elementy gloskoplicheskikh priborov (Parts and Elements of Gyroscopic Devices). Leningrad, Sudpromgiz, 1962. 497 p. Errata slip inserted. 4800 copies printed.

Scientific Eds.: P. P. Koptayev, Candidate of Technical Sciences, and V. P. Orlov, Engineer; Reviewers: Yu. A. Shcherbakov, Engineer, A. A. Saydov, Doctor of Technical Sciences, and E. I. Sliv, Candidate of Technical Sciences; Ed.: M. I. Nikitina; Tech. Ed.: R. K. Tsal.

PURPOSE: This book is intended for engineers concerned with instrument building and may also be used by students attending instrument-building institutes.

Card 1/4

151

Parts and Elements (Cont.)	SOV/6070
Ch. IV. Current-Carrying and Pneumatic Apparatus for Feeding Gyroscopic Devices	249
Ch. V. Correcting Devices	264
Ch. VI. Mechanisms Limiting the Freedom of a Gyroscope's Rotation	314
Ch. VII. Stopping [Blocking] Mechanisms	333
Ch. VIII. Data-Gathering Elements of Gyroscopic Devices	347
Ch. IX. Tracking Systems in Gyroscopic Devices	433
Bibliography	491

Card 3/4

S/146/62/005/005/015/016
D201/D308

AUTHORS: Sivokononko, I. M. and Yavlenskiy, K. N.

TITLE: Analysis of one of the methods of decreasing friction in bearings

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priborostro-
yeniye, v. 5, no. 5, 1962, 134-139

TEXT: The authors analyze the action of slip type and roller type friction bearings and show that by using the bearings which are forcibly made to assume additional motion, the slip-type friction may be decreased approximately 20 times and roller type friction about 10 times. A formula is given for the required number of additional revolutions of the bush in the slip-type friction bearings and those of the raceway in roller type bearings. The results of experiments carried out with forced motion bearings were in good agreement with theoretical assumptions. There are 4 figures.

Card 1/2

Analysis of one ...

S/146/62/005/005/015/016
D201/D308

ASSOCIATION: Leningradskiy institut aviatsionnogo priborostroye-
niye (Leningrad Institute of Aviation Instruments)

SUBMITTED: February 28, 1962

Card 2/2

GORDIYENKO, Prokopy Lukich; SIVOKONENKO, Igor' Mikhaylovich; FADEYEV, Aleksey Antonovich; YAVLENSKIY, Konstantin Nikolayevich; DEMENT'YEV, Khrisanf Nikiforovich; LYUSTIEERG, V.F., ved.red.; PONOMAREV, V.A., tekhn.red.

[Laboratory equipment for measuring friction force moments in the supports of apparatuses. Device for testing the impact hardness of ice in field conditions] Laboratornaia ustanovka dlia izmereniia momentov sil treniia v ~~oporakh~~ priborov. Ustroistvo dlia ispytaniia udarnoi tverdosti l'da v polevykh usloviakh. Moskva, Filial Vses.in-ta nauchn.i tekhn. informatsii, 1958. 11 p. (Peredovoi nauchno-tekhicheskii i proizvodstvennyi opyt. Tema 32. No.P-58-33/6) (MIRA 16:3)
(Engineering instruments--Testing)

I 20701-65 EWT(l)/EWT(m)/EWP(w)/EPF(c)/EWA(d)/EPR/T/EWP(t)/EWP(b) Pr-4/PB-4
ArWL/SSD JD/DJ

ACCESSION NR: AR4047551

S/0124/64/000/008/A020/A020

SOURCE: Ref. zh. Mekhanika, Abs. 8A126

AUTHOR: Sivokononko, I.M., Yavlenskiy, K.N.

TITLE: The effect of vibration on the moment of the friction forces in bearings //

CITED SOURCE: Tr. Leningr. in-t aviats. priborostr., vy*p. 40, 1963, 128-134

TOPIC TAGS: friction, bearing friction, sleeve bearing, bearing vibration, rocker bearing, slide bearing 17

TRANSLATION: The effect of vibration on the moment of friction forces in rocker and slide friction bearings is considered. The experimental rigs and techniques are described. Results are given of experimental studies of the dependence of friction in rocker bearings and sleeve bearings on the magnitude of the load on the bearing, with and without free play in the rocker bearings, as well as with different degrees of rigidity in the fastening of the shaft to the table of the test stand. The results of the experiments are presented in the form of graphs in which the acceleration values are laid off along one axis and the ratios of the magnitude of the friction with vibrations present to the same magnitude with

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ACCESSION NR: AR4047551

vibrations absent are laid off along the other. The experiment brings to light, in the case of rocker-type friction bearings with free play, a considerable increase in the friction forces as the overload is increased, while, on the other hand, a slight decrease is observed when there is no free play. In slide bearings, small overloads result in some reduction of friction, which again increases if the overload is further raised. With the rotating shaft in the vertical position, the increase in friction due to vibration is greater than with the shaft positioned horizontally. A more rigid fastening of the shaft leads to reduced friction losses. N.N. Bautin

SUB CODE: ME

ENCL: 00

Card 2/2

ACCESSION NR: AP4037473

S/0146/64/007/002/0164/0170

AUTHOR: Sivokononko, I M.; Yavlenskiy, K. N.

TITLE: Investigation of some types of suspension supports in gyroscopic instruments

SOURCE: IVUZ. Priborostroyeniye, v. 7, no. 2, 1964, 164-170 :

TOPIC TAGS: gyroscope, gyro, gyro suspension, gyro suspension support

ABSTRACT: In the special rolling-contact bearings (TsKB-1321, TsKB-1358, TsKB-2332) used in gyroscopes, a forced rotation is imparted to the mid-rings which roughly cuts down the friction to 1/10 its conventional value. With a vertical axis of the rotating system, the ratio M_{dyn}/M_{st} largely depends on the type of lock (thrust bearing) preventing axial movement of the system; here, M_{dyn} and M_{st} are the friction moments in the bearings with moving and stationary mid-rings, respectively. Design features of the rotating systems are shown in

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ACCESSION NR: AP4037473

Enclosures 1 and 2. On the basis of experimental data, it is reported that the TsKB-1321 bearing with a lock formed by a rolled-in ball has the least friction moment for both vertical and horizontal gyro axes. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: Leningradskiy institut aviatsionnogo priborostroyeniya
(Leningrad Institute of Aviation Instruments)

SUBMITTED: 09Jan63

DATE ACQ: 05Jun64

ENCL: 02

SUB CODE: AS

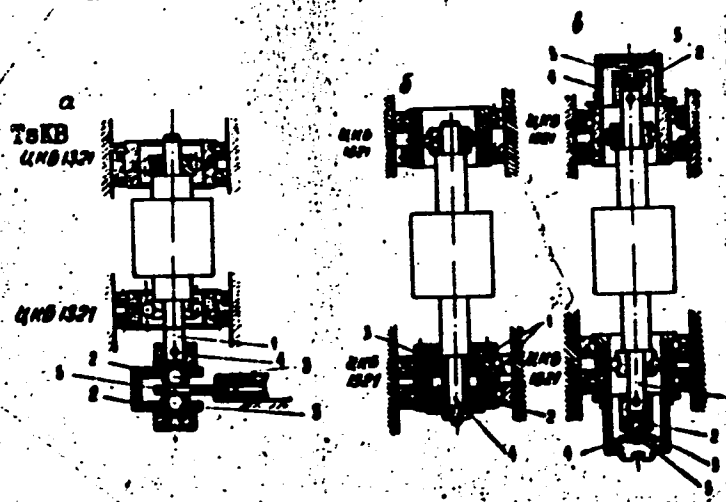
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Card 2/4

ACCESSION NR: AP4037473

ENCLOSURE: 01

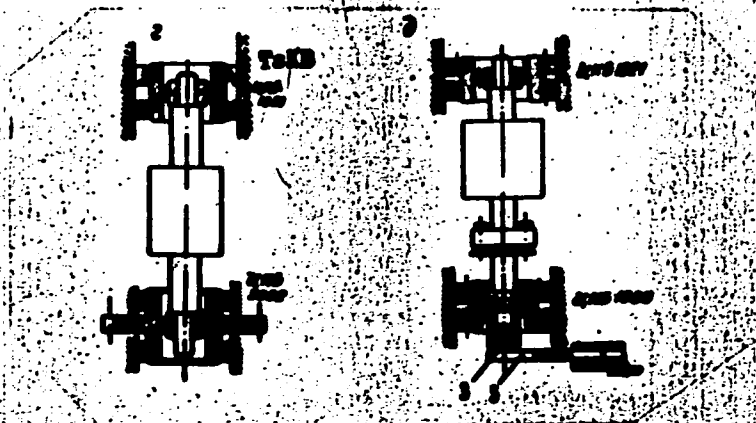


Suspension supports in gyros

Card 3/4

ACCESSION NR: AP4037473

ENCLOSURE: 02



Suspension supports in gyro

Card 4/4

L 00725-67 EWT(m)/EWP(w)/T/EWP(t)/ETI JD/DJ

ACC NR: AP6022058

SOURCE CODE: UR/0146/66/009/003/0141/0144

AUTHOR: Sivokonenko, I. M.; Yavlenskiy, K. N.; Semenov, L. V.

48
B

ORG: Leningrad Institute of Aviation Instrument Building (Leningradskiy institut aviatsionnogo priborostroyeniya)

TITLE: Reducing friction in instrument bearings

SOURCE: IVUZ. Priborostroyeniye, v. 9, no. 3, 1966, 141-144

TOPIC TAGS: friction, antifriction bearing, precision instrument industry, forced vibration

ABSTRACT: The author considers bearing friction as one of the factors which affects the accuracy of instrument readings. The three-ring bearings conventionally used for reducing this type of friction may be replaced by radial or radial-thrust bearings. The reasons for friction reduction with forced oscillations of the rings in a bearing with three-point contact are qualitatively analyzed and it is shown that the reduction in the moment of friction increases with a reduction in the angular velocity of the inner ring as compared with that of the outer ring, and with a reduction in the time required for reversing the direction of the outer ring. The friction characteristics of radial-thrust bearings type 6005 are experimentally compared with those of a bearing with three-point contact in a pair with a radial bearing having a smooth inner surface on the outer ring, type A640096. The effect of frequency and amplitude of the oscil-

Card 1/2

UDC: 621.822.7

L 00725-67

ACC NR: AP6022068

lations, load, position of the axis and additional vibration on the moment of friction in the bearings was studied. When the inner rings of the bearing oscillate in opposite directions, friction is reduced by a factor of 8-9 on the average. When the inner or outer rings in both bearings oscillate in the same direction, friction is reduced by a factor of 5-6. The reduction in friction in the bearings increases as the average angular velocity of the forced motion of the rings becomes higher in comparison with that of the movable system. When the average angular velocity of the forced motion of the rings is held constant, the frequency and amplitude of ring motion have practically no effect on the moment of friction in the bearings. Friction may be reduced by a factor of 10-12 by oscillations of the outer rings of both bearings in the same direction and vibrations with an acceleration of greater than 1 g. A further increase in the acceleration of vibrations has no appreciable effect on the moment of friction in the bearings. Orig. art. has: 5 figures.

SUB CODE: 13, 20/ SUBM DATE: 04Feb66/ ORIG REF: 002

Card 2/2 afs

SIVOKONEV, A.N.

Effect of sowing time on sunflower yield. Zamlodolie 7
no.2:53-56 F '59. (MIRA 12:3)

1. Kamenskaya gosudarstvennaya sel'skokhozyaystvennaya opyt'naya
stantsiya.
(Rostov Province--Sunflowers)

D

SIVOKONEV, A.N.

Basic cultivation of Chernozems in Rostov Province. Zemledelie 7
no.8:29-34 Ag '59. (MIRA 12:10)

1. Kamenskaya gosudarstvennaya sel'skokhozyaystvennaya opytnaya
stantsiya.

(Rostov Province--Chernozem soils)

(Tillage)

SIVOKONEVA, N.A.

Pneumographic investigations in patients with bronchial asthma.
Vrach. delo no. 3:138-139 Mr '61. (MIRA 14:4)

1. Kafedra propedvtiki vnutrennikh bolezney (zav. - prof. TS.A.
Levina) Odesskogo meditsinskogo instituta.
(ASTHMA) (LUNGS—RADIOGRAPHY)

LEVINA, TS.A., prof.; GRUZINA, Ye.A., dotsent; DMITRIYEVA, I.T., assistant;
ROMANOVSKAYA, A.I., assistant; SIVOKONEVA, N.A., assistant;
YAGOLKINA, N.I., assistant (Odessa)

Clinical test of a new spasmolytic substance limit in steno-
cardia. Klin.med. 40 no.5:67-70 '62. (MIRA 15:8)

1. Iz ob"yedinennoy kafedry propedevtiki vnutrenniky bolezney
(zav. - prof. TS.A. Levina) Odesskogo meditsinskogo instituta
imeni N.I. Pirogova (dir. - zasluzhennyy deyatel' nauki prof.
I.Ya. Deyneka).
(ANGINA PECTORIS) (VASODILATORS)

LEVINA, TS.A., prof.; GRUZINA, Ye.A., dotsent; DMITRIYEVA, I.T.;
ROMANOVSKAYA, A.I.; SIVOKONEVA, N.A.; YAGODKINA, N.I.

Treatment with persanthine of stenocardia. Vrach.delo no.10:20-26
O '62. (MIRA 15:10)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof. TS.A.
Levina) Odesskogo meditsinskogo instituta.
(ANGINA PECTORIS) (PYRIMIDINES)

EUKSHPAN, M.K., dotsent; SIVOKONEVA, N.A., kand. med. nauk

Treatment in bronchial asthma with euphyllin. Sov. med. 26
no.11:17-20 N°62 (MIRA 17:3)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof.
TS. A. Levina) Odesskogo meditsinskogo instituta imeni N.I.
Pirogova.

SIVOKONEVA, N.A., kand.med.nauk

Late results of the treatment with protective inhibition in
bronchial asthma. Vrach. delo no.6:132 Je'63. (MIRA 16:9)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof.
TS.A.Levina) Odesskogo meditsinskogo instituta.
(SLEEP THERAPY) (ASTHMA)

LEVINA, TS.A., prof.; GRUZINA, Ye.A., dotsent; DMITRIYEVA, I.T.;
ROMANOVSKAYA, A.I.; SIVOKONEVA, N.A.; YAGODKINA, N.I.

Study of the effectiveness of the spasmolytic agent dietafen
(etafen) in stenocardia. Sov. med. 27 no.12:103-106 0 '64.
(MIRA 18:11)

1. Ob"yedinennaya kafedra propedevtiki vnutrennikh bolezney
(zav.- prof. TS.A. Levina) Odesskogo meditsinskogo instituta
imeni Pirogova.

SIVOKOVA, Marta; MATEJICEK, Alois

The ternary system methanol-water-1,2-dichloroethane.
Chem prum 12 no.10:544-546 0 '62.

1. Vyzkumny ustav syntetickych pryskyric a laku,
Pardubice.

SECRET, U.S.; (S), (S), (S).

Clinical aspects of aneurysms of the vessels of the base of the brain. Kaz. med. zhur. no.6:5A-55 N-7 '68.

(MIRA 17:10)

L. Klinika nervnykh bolezney (zav. - prof. I.I. Rusetskiy) i
kafedra patologicheskoy anatomii (zav. - dokt. N.A. Ibragimova)
Kazanskogo gosudarstvennogo instituta dlya upravlenstva i
znaney imeni Lenina.

SIVOLAP, I.

Sivolap, I.: "On poor planning in the meat and dairy industry", *Myas. industriya*, 1949, No. 1, p. 11-16.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

SIVOLAP, I.K.

Pod'yek Pkshcheyoy Promyshle
Nosti SSSR V Poslevoyennoy Stalinskoy Pyat'letke
The rise of USSR'S Food industry During the post-war Five Year Plan,
Moskva, Pravda, 1950 3 p.

Bibliographical Footnotes At head of title:
Vsesoyuznoye Deyaniye po Rasprostraneniyu
Po 'cheskikh i Nauchnykh Znaniy.
Topics of lecture

1. Uninterrupted increase of living standards for the working people is the law of the socialistic society's development.
2. Restoration of output and increase of good products
3. Problems of important branches of food.

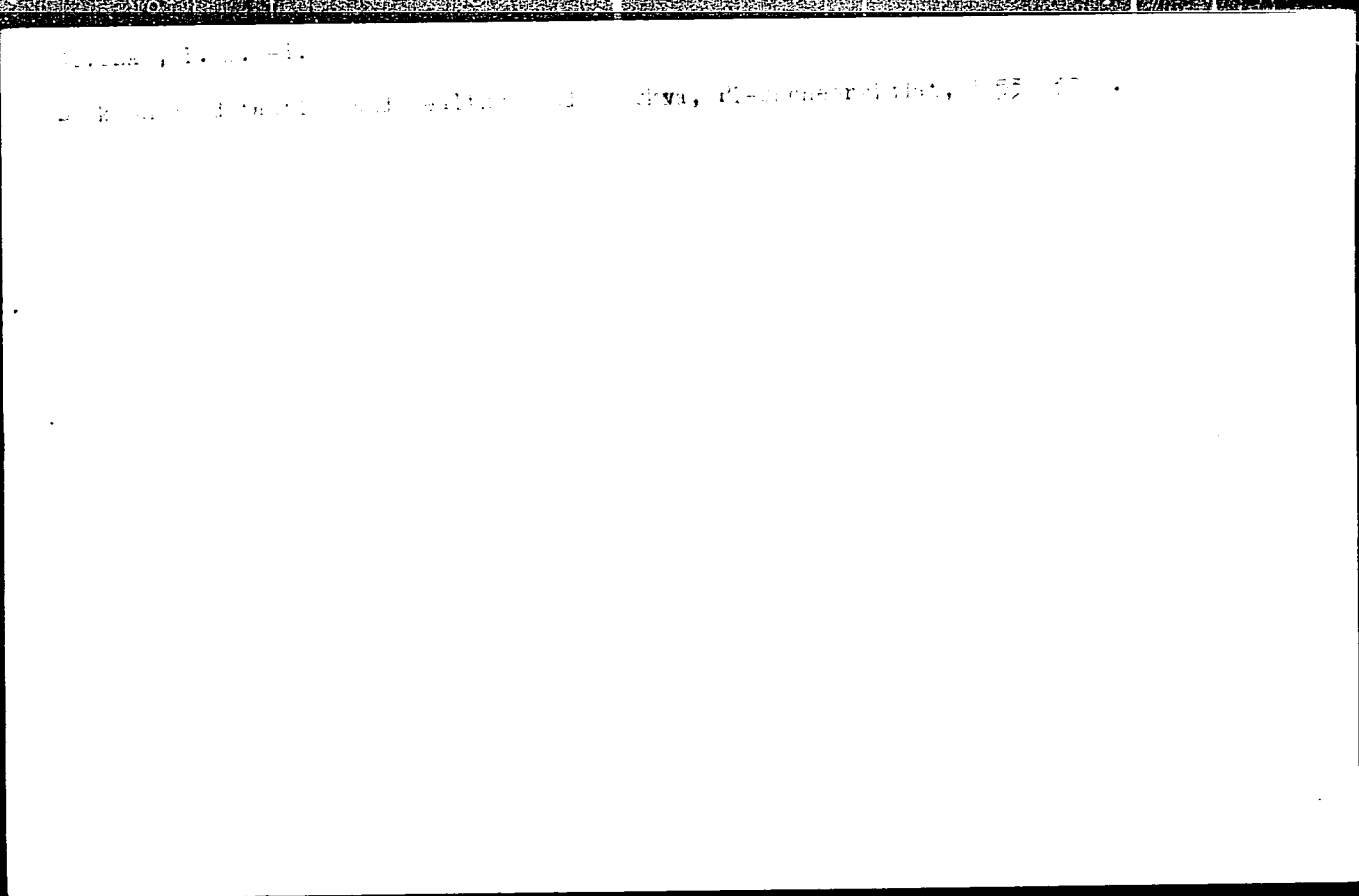
SIVOLAF, I.K.

New development of the food industry of the USSR. (Moskva) Gos. izd-vo polit.
lit-ry, 1952. 90 p. (52-42891)

HD9015.R92S48

SIVOLAP, I.K., zamestitel' ministra legkoy i pishchevoy promyshlennosti SSSR.

[Food industry of the U.S.S.R. in the struggle for an abundance of food products] Pishchevaia promyshlennost' SSSR v bor'be za izobilie produktov pitaniia. Moskva, Izd-vo "Znanie", 1953. 31 p. (MLA 6:5)
(Food industry)



SIVOLAP, N.K.

Babekov, A.N. and Sivolap, N.K., "Production Tests of the 'PR' automatic regulator (Yalta Tobacco and Fermentation Plant)," Tabak, [Tobacco] 1953, No 4, pages 10-16.

SIVCLAF, I K

Za sozdaniye obiliya produktov pitaniya v SSSR For creation of abundance
in the production of food stuffs in the USSR/ Moskva, Znaniye, 1954.
31 p. tables.

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~~SIYOLAP, I.K.~~ redaktor; MOICHANOVA, O.P., professor, redaktor; LOBANOV, D.I., professor, redaktor; SKURIKHIN, M.A., redaktor; LIPSHITS, M.O., redaktor; TSYPLENKOV, N.P., redaktor.

[▲ book about tasty and healthy food] Kniga o vkusnoi i zdorovoi pishche. Moskva, Pishchepromizdat, 1954. 399 p. . (MLRA 8:2)

1. Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti proizvodvennykh tovarov.
(Cookery)

SIVOLAP, I.K.

New technology in the food industry. Znan.sila no.6:1-3 Je '54. (MLRA 7:6)

1. Pervyy Zamestitel' ministra promyshlennosti prodovol'stvennykh tovarov
SSSR. (Food industry--Equipment and supplies)

SIVOLAP, Ivan Kuz'mich; SHATKHAN, A.S., spetsarektor; PRITYKINA, L.A.,
redaktor; KISINA, Ye.I., tekhnicheskiy redaktor

[Food industries of Italy] Na pishchevykh predpriyatiyakh Italii.
Moskva, Pishchepromizdat, 1956. 92 p. (MLRA 10:2)
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S.R.: YEFIMOV, V.P.; KIKNADZE, N.S.; NIKASHIN, F.P.; PIROGOV,
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 : g/m²), had higher and more lasting insecticide
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 : I. I. Zakharova, Ye. M.; Sivoldayeva, A. M.
 : 64 (Results of the Work of an Expedition)

CARD: 1/3 23

: activity. The average percentage of death of the
 : flies following their contact with glass surfaces
 : After 1, 8 and 35 days following their treatment
 : with paste TSHIDI equaled 100, 99 and 90%. The
 : death of flies during the same periods after
 : their contact with treated plastered surfaces
 : amounted to 97, 82 and 89%, and with surfaces
 : painted with oil color, 100, 90 and 68%, respec-
 : tively. The tests of DDT aerosols (at the rate
 : of outlay of 0.1 or 0.2 g/m²) in the buildings

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S/135/62/000/003/006/000
AC66/A101

APPROVED: Snablygin, S. V., Candidate of Technical Sciences, Sivolozov V. V.
Gargala, V. D., Perel'man, Yu. A., Engineers

TITLE: Clamps with a built-in toroidal transformer for spot welding steel
and aluminum alloys

PERIODICAL: Svarochnoye proizvodstvo, no. 3, 1962, 30 - 31

TEXT: At the Saratov Polytechnic Institute and the Plant of Electrowelding
Equipment, СПИ -66 (SPI-66) type suspended clamps were developed weighing 29 kgs
and having a pneumatic mechanism for pressing the electrodes. The clamps are in-
tended for welding aluminum alloy parts 0.8 + 0.8 mm thick, and low-carbon steel
parts up to 3 + 3 mm thick, with 20 kAmp short-circuit current of 50 cycles fre-
quency. When using 100 cycle frequency current, the thickness of aluminum alloy
parts can be increased to 1.5 - 2 mm. The clamps are different from conventional
ones by having a transformer in the toroidal form which presents a number of ad-
vantages over a shell type transformer, such as higher efficiency and more stable
welding conditions, in particular for spot welding aluminum alloys. The single-
coil design of the secondary transformer winding makes it possible to use cur-

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Shvalobanov, A.F.

PAGE I BOOK REPRODUCTION 807/3399

Scientific Publications of the Ministry of Health (Collection of Radiochemical and Dosimetric Methods) Moscow, Meditsina, 1979. 499 p. Gratis copy inserted. 9,000 copies printed.

No. (Title page): S.G. Ozer, U.Yu. Kuznetsov, A.B. Kozlov, N.Yu. Tarasenko, Yu.K. Shchegolev; Ed. (Title book): V.I. Loshakov; Tech. Ed.: A.I. Kabanov.

REMARKS: This collection of articles is intended for physicists, ecologists and public health doctors, chemists and other specialists working in radioactive dosimetry.

COMMENT: This work discusses the following subjects: (1) principles of organizing sanitation and dosimetric control in institutions where work is carried on with radioactive substances; (2) radiochemical and chemical methods for determining certain radioactive substances in samples of air, water, soil and foodstuffs; (3) physical methods of determining the level of radioactive gases and aerosols, and methods for determining the level of contamination of working surfaces; (4) methods of preserving and measuring activity of α and gamma-radiation, and methods of in-situ activity of solid and liquid radioactive sources. There are four appendices dealing with methods of calculating the total dosage from sources of ionizing radiation, rates of activity, and doses from natural (background) radioactivity in the calculus of foodstuffs. Sanitary regulations observed during the operation, storage, and handling of radioactive substances are discussed. The authors are D.P. Blinikov, Reference paper at the end of each chapter; V.I. Loshakov and D.P. Blinikov. Radiochemical methods of determining radioactive substances in water, soil, biological materials and air.

1.	Preparation of samples of radioactive contaminated air for measurements of activity (S.G. Ozer)	51
2.	Preparation of samples of water, biological material, soil and keratic deposits: radiochemical analysis (Ye.A. Bolyshev)	53
3.	Determination of radioactive strontium and barium (Ye.A. Bolyshev)	57
4.	Determination of radioactive cesium (Ye.A. Bolyshev)	62
5.	Determination and determination of radioactive strontium in drinking waters (Ye.A. Bolyshev and V.A. Strizh)	65
6.	Determination of radioactive strontium (Ye.A. Bolyshev)	66
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Ch. IV. Radiochemical and Spectral Methods of Determining Certain Radioactive Elements in the Air

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[Tools and equipment used in concrete and reinforced work]
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Effect of levomycetin on phagolysis in dysenterial bacteria.
Antibiotiki 7 no.5:467-470 My '62. (MIRA 15:4)

1. Kafedra mikrobiologii (zav. A.I.Korotyayev) Kubanskogo meditsinskogo
instituta.

(LEVOMYCETIN) (SHIGELLA PARADYSENTERIAE)
(BACTERIOPHAGE)

SIVOLODSKIY, Ye.P.; GINTER, Ye.K.; KARASEVA, E.V.

Effect of levomysetin (Chloramphenicol) on the phagolysis of
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Chernovitskogo meditsinskogo instituta.

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Experience in the use of furnace crowns.
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36
B

AUTHOR: Sivoplyas, G.

ORG: none

TITLE: Laboratory above the clouds

SOURCE: Nauka i tekhnika, no. 5, 1966, 41-42
RESEARCH AIRCRAFT,

TOPIC TAGS: *METEOROLOGIC OBSERVATION, RESEARCH* aircraft meteorologic equip-
ment, electrometeorograph, weather aircraft, aircraft, IL-28 aircraft, LI-2 *A RESEARCH*
aircraft *RESEARCH*

ABSTRACT: The on-board instrumentation of the LI-2 and IL-28 weather reconnaissance aircraft are described. The IL-28, used for high-altitude long-range weather reconnaissance missions, carries a special electric meteorograph to measure and photographically record temperature, humidity, air pressure, as well as the velocity of the air stream. While in the LI-2 aircraft the sensors are affixed to the wings and are not accessible to the aerologist, in the special electric meteorograph carried on the IL-28 the recorder unit is inside the cabin. Fig. 1 shows the arrangement of the aerological equipment carried on the IL-28.

SIVORINOVSKIY, B.; LISKOVETS, A.

Piecework wages in construction. Sots. trud 8 no.1:106-110
Ja '63. (MIRA 16:2)

1. Starshiy inzhener normativno-issledovatel'skoy stantsii domostroitel'nogo kombinata No.1 Glavnogo upravleniya po zhilishchnomu i grazhdanskomu stroitel'stvu v g. Moskve (for Sivorinovskiy). 2. Starshiy inzhener po trudu i zarabotnoy plate tresta Beltransstroy (for Liskovets).
(Wages—Construction industry)

USSR/Human and Animal Physiology - Digestion.

T-7

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31803

Author : ~~Sivoronev, V.A.~~

Inst : -

Title : Action of Different Temperature Factors Separately and
in Conjunction with the Function of the Saliva Glands in
Dogs.

Orig Pyb : Tr. Khar'kovsk. med. in-ta, 1955, vyp. 34, 138-144.

Abstract : No abstract.

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G.P.; TS'ON', O.V.

New data on the absolute age determination of some geological
formations in the Amazar-Shilka interfluve (east Transbaikalia).
Geokhimiia no.12:1244-1255 D '64.

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Some changes in the organ of sight in kidney diseases. Vop. klin.
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(EYE) (KIDNEYS--DISEASES)

SAMOYLOV, A.Ya., prof.; SIVOSHINSKIY, D.S. (Moskva)

Professor Adrian Aleksandrovich Kriukov, founder of the Moscow
ophthalmological school; on the 50th anniversary of his death.

Klin.med. 37 no.10:135-138 0 '59.

(MIRA 13:2)

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1. Kafedra glaznykh bolezney (zav. - zasluzhenny deyatel' nauki prof. K.L. Krasnov) i kafedra meditsinskoy radiologii (zav. - prof. V.K. Modestov) Tsentral'nogo instituta usovershesntvovaniya vrachey.

(AUTO RADIOGRAPHY) (CALCIUM-THERAPEUTIC USE)
(OPHTHALMOLOGY)

KRASNOV, M.L., prof.; GRISHINA, V.I.; SIVOSHINSKIY D.S.; MILOVIDOVA, I.A.;
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Clinical method of diagnosing intraocular tumors using radioactive phosphorus. Vest. oft. no.3:3-9 My-Je '62. (MIRA 15:8)

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1. Chair of medical radiobiology and Chair of infectious diseases,
Central Institute for Postgraduate Training of Physicians, Moscow.
(FAT) (ABSORPTION (PHYSIOLOGY)) (IODINE-ISOTOPES)

MODESTOV, V.K., prof.; SIVOSHINSKIY, D.S., dozent.

Training specialists in the use of radioisotopes in experimental
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Trudy TSU 71:3-9 '64. (MIRA 18:6)

1. Kafedra meditsinskey radiologii (zav.- prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

KRASNOV, M.L., prof.; SIVOSHINSKIY, D.S., dotsent; ZIANGIROVA, G.G.;
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instituta usovershenstvovaniya vrachey i Moskovskaya glaznaya
klinicheskaya bol'nitsa.

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instituta usovershenstvovaniya vrachey i Moskovskaya glaznaya
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