

SHARAFRANOV, V. D.

3

8963

ON THE STABILITY OF A CYLINDRICAL GASEOUS CONDUCTOR IN A MAGNETIC FIELD - V. D. Sharafanov.

J. Nuclear Energy 5, No. 1, 88-91(1957).

Hydrodynamical conditions are obtained for the stability of an ideal cylindrical gaseous conductor in an external magnetic field. (auth)

Sheet

MT

DIDENKO, I., podpolkovnik; SHARAFUTDINOV, A., kapitan.

The power of party organization is in great activity. Tankist no.3:
11-15 Mr '58. (MIRA 11:5)

SHARAFUTDINOV, F.G.; SAMYSHKINA, K.G.

Division of Upper Cretaceous sediments in Dagestan fields
and test areas. Neftgaz. geol. i geofiz. no.3:38-42 '63.
(MIRA 16:8)

1. Institut geologii Dagestanskogo filiala AN SSSR.

FEN'YEV, N.V.; GASANGUSEYNOV, G.G.; GALIN, V.L.; SHARAFUTDINOV, F.G.

New data on the geological structure, and oil and gas potentials of the northeastern wing of the El'dam-Irgartbash uplift in Daghestan. Geol. nefti i gaza 7 no.5:35-39 My '63.

(MIRA 16:6)

1. Dagestanskaya kompleksnaya geologicheskaya ekspeditsiya i Groznenskiy neftyanoy institut.

(Daghestan—Petroleum geology)

(Daghestan—Gas, Natural—Geology)

ALIYEV, A.G.; GALIN, V.I.; SHARAFUDINOV, F.G.

Diatomites among lith. formations in the Paleogene formations of Baghestan.
Lit. i pol. iskop. no.5:110-113 S-O '64. (MIRA 17:11)

1. Dagestanskij universitet, Makhachkala.

L 53741-65 EWT(m)/EPF(c)/I Pr-4 BW/DJ/WE

ACCESSION NR: AP5017201

UR/0318/64/000/009/0007/0008

AUTHOR: Ol'kov, P. L.; Sharafutdinov, Kh. A.

TITLE: Reconstruction of heavy dewaxing installations

SOURCE: Neftepererabotka i neftekhimiya, no. 9, 1964, 7-8

TOPIC TAGS: petroleum refinery equipment, petroleum refining, wax

Abstract: Since the start up of heavy dewaxing units and the output of low pour point transformer and IS-12 oils, several substantial changes have been introduced into the technological layout of the equipment. Studies have been undertaken in recent years to further improve this equipment at the Novo-Ufa Petroleum Refinery. Crystallization is carried out using batch dilution. The changes introduced referred to coordinating crystallizers in the production of transformer oil. Filtration section. Since 1957, the dewaxing units in eastern plants were converted into two-stage filtration. All equipment at the Novo-Ufa Petroleum Refinery in the last two years, including heavy dewaxing, was advanced to three-stage filtration. Under this scheme, wax is obtained with a 1-2% oil content and slop-wax from raffinates from other oil fractions, in addition to oil with a pour point of -15° . The inert gas system of the

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ACCESSION NR: AP5017201

filtration section has been substantially simplified. According to plans, inert gas is supplied to the body of the filters without compressors. Each filter has been supplied with a hydraulic lock gate. Discharge of inert gas from the filters to the compressor intake resulted in overloading. Orig. art. has 2 figures, 1 graph and 1 table.

ASSOCIATION: Novo-Ufimskiy neftepererabatyvayushchiy zavod
(Novo-Ufa Petroleum Refinery); MINKH i GP

SUBMITTED: 00

ENCL: 00

SUB CODE: FP

NO REF SOV: 006

OTHER: 001

JPRS

30
Card 2/2

1. 10. 1959, 1. 11.

1959. To rasy sluzitelstva inzhenerstva karakolija v da berlinskih sovkhose.
(Yuzh.-Kavkazsk. o 1.) Karakolovodstvo i zverovodstvo, 1959, No. 5, s. 11-12

30: Kuznetsov, Istorija, vol. 7, 1959

ZINOV'YEV, B.S.; KAS'YANOV, A.F.; LAPSHIN, I.I.; SHARAFUTDINOV, M.;
LUZIANIN, D. Kh.; BRYUSEKOV, P.N.; SAVCHENKO, P. Ye.;
KOSOVER, S.I.; SHUL'MAN, I.Ye.; LAPSHIN, I.I.

Information. Veterinariia 38 no.8:91-96 Ag '61 (MIRA 18:1)

SHAL... ..

Concerning the article "New method for operating storage batteries
in electric power plants and substations" by D.A.Fuks and others.
Energetik, 13 no.2:17 F '65. (MIRA 13:6)

SOURCE CODE: UR/0181/67/009/001/0167/0170

ACC NR: AP7005341

AUTHOR: Finkel', V. M.; Sharafutdinov, R. F.; Shishkin, M. V.

ORG: Siberian Metallurgical Institute im. S. Ordzhonikidze, Novokuznetsk (Sibirskiy metallurgicheskiy institut)

TITLE: Probability of revealing dislocations by a condensation method

SOURCE: Fizika tverdogo tela, v. 9, no. 1, 1967, 167-170

TOPIC TAGS: crystal dislocation phenomenon, electric measurement, vapor condensation, condensation nucleus, crystal surface, SODIUM CHLORIDE

ABSTRACT: The authors advance a hypothesis that dislocations can be observed on the surface of a crystal by means of the electric charge of the dislocations (the condensation method). The method is based on the preferred nucleation of microscopic droplets in saturated liquid vapor on the electric charges. Tests of this method were made on NaCl crystals in an atmosphere of concentrated hydrochloric acid, and affirmative results were obtained. Dislocations could not be revealed in the same atmosphere on LiF crystals, but the morphology of the surface of these crystals was fixed. In the case of NaCl, various tests aimed at checking on the reproducibility of the method were also made and confirmed its feasibility. Inasmuch as the dimensions of the drops produced on the surface of the crystal are much smaller than etch pits, the method has somewhat better resolution than etching, especially at high dislocation densities. This selective arrangement of the drops makes it possible to

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ACC NR: AF7005341

study the fine structure of the surfaces of crystals, and reveal small microscopic irregularities on them. The minimum height of the steps that could be observed by this method was 20 - 30 Å. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: 10Jun66/ ORIG REF: 004/ OTH REF: 003

Card 2/2

KHASANOV, S.; RAKHIMOV, V.; KHASANOV G.; BEGISHEV, Kh.; SHARAFUTDINOV, S.;
KHUSANKHUZHAYEV, I.; ZHURAYEV, M., redaktor; ZHALOLOV, Zh., redaktor;
UMANSKIY, P.A., tekhnicheskiy redaktor.

[Collective farm chairman's handbook] Kolkhoz raislari uchun sparavoch-
nik. Toshkent, Uzbekiston SSR daflat nashrieti, 1956, 915 p. [In Uzbek]
(MLRA 10:5)

(Collective farms)

MARKOSYAN, A.A.; MARDZHANYAN, G.M., kand. biolog. nauk; KARYAN, A.A., aspirant; SHARAFUTDINOV, Sh.A.; RASULOV, F.K.; SVANIDZE, N.V., starshiy nauchnyy sotrudnik; RABINOVICH, I.M., starshiy nauchnyy sotrudnik; DERYABIN, V.I.; SULEYMANOV, I., mladshiy nauchnyy sotrudnik; SHEVTSOV, S.I., starshiy nauchnyy sotrudnik (TSelinnyy kray)

From the practices in the use of poisonous chemicals. Zashch. rast. ot vred. i bol. 9 no.9:21-23 '64. (MIRA 17:11)

1. Armyanskiy institut zemledeliya (for Markosyan, Mardzhanyan, Karyan).
2. Sredneaziatskiy institut zashchity rasteniy (for Sharafutdinov, Rasulov).
3. Zakavkazskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromatischeskikh rasteniy (for Svanidze, Rabinovich).
4. Zaveduyushchiy otdelom zashchity rasteniy Samarkandskoy opytной stantsii (for Deryabin).
5. Samarkandskaya opytnaya stantsiya (for Suleymanov).

SHARAFUTDINOV, V. I. Cand Tech Sci -- (diss) "On the Dynamic
Calculation of Frames and Beams. Tashkent, 1957. 6 pp 23 cm.
(Academy of Sciences ~~of~~ Uzbek SSR, Inst of ^{Structures} ~~Construction~~), 150
copies (KL, 18-57, 96)

SOV/124-58-3-3220

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 99 (USSR)

AUTHOR: Sharafutdinov, V. L.

TITLE: Effect of the Weight of a Vertical Cantilever Beam on its Natural Vibratory Frequency (Vliyaniye sobstvennogo vesa na chastoty sobstvennykh kolebaniy vertikal'nogo konsol'nogo sterzhnya)

PERIODICAL: Izv. AN UzbSSR, Ser. tekhn. n., 1957, Nr 1, pp 85-90

ABSTRACT: The influence of the flexural effect of the dead weight of a vertical cantilever beam on the frequency of its natural flexural vibrations is examined. Solution of the dynamic equation of an elastic line is sought in the form of an exponential series. Boundary conditions are used to determine the first four coefficients. For all subsequent coefficients a recurrent relationship is obtained. Results of solution are represented graphically in the form of the dependence of the frequency coefficient upon the relationship of the weight proper of the beam to its critical value.

V. M. Makushin

Card 1/1

SOV/124-58-7-7951

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 94 (USSR)

AUTHOR: Sharafutdinov, V.I.

TITLE: On the Calculation of Frames and Rods for Impact and Inertia Loads (K raschetu ram i sterzhney na deystviye impul'sivnykh i inertsionnykh nagruzok)

PERIODICAL: Dokl. AN UzSSR, 1957, Nr 2, pp 9-13 .

ABSTRACT: An examination is made of the stress distribution in a U-shaped frame and in single-span beams subjected to impact loads proportional to their respective masses. The solution is obtained in the form of a series with respect to fundamental functions that are considered known. The maximum values of the shear forces and bending moments (determined from the first five terms of the series) are not computed accurately; they should be somewhat larger.

V.T. Rasskazovskiy

1. Rods--Stresses
2. Beams--Stresses
3. Structures--Stresses
4. Mathematics--Applications

Card 1/1

SHARAFUTDINOV, V.I.

Approximation analysis of beams and frames to determine the effect of an equally distributed momentary impulse. Dokl. AN Uz.SSR no.6:13-15 '59. (MIRA 12:9)

1. Institut mekhaniki AN UzSSR. Predstavleno akademikom AN UzSSR M.T.Urazbayevym.
(Structural frames) (Girders)

22288
S/168/59/000/011/002/003
A110/A133

24.4000

AUTHOR: Sharafutdinov, V. J.

TITLE: Computation of structures and their elements based on momentary loads

PERIODICAL: Doklady Akademii Nauk UzSSR, no. 11, 1959, 13 - 15

TEXT: Structures and their elements are analyzed as a system of single-action i.e. the reaction of the load has an impulsive character, by admitting that $\tau \ll T$ - where τ = the duration of the loads action and T = the period of fluctuation of the system. As a basis of the development of the respective equations the author takes Newton's law: $Mu = P - F$, where M = the mass of the system, u = its acceleration, P = the external force and F = the resisting force. Taking into consideration the kinetic energy during the action of the impulse, the initial speed of the system, the action of external forces, the resisting force, the elastic and nonelastic resistance, the potential energy of elastic deformations and the energy spent to produce plastic deformations etc., a number of equations are developed. Another equation expresses an equally distributed impulse operating normally

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Computation of structures and their elements...

on a pole of a portal frame; the way of its deformation is considered to have an indefinite coefficient. The length of the pole up to the cross-beam is $1 - \xi$ (ξ = height of the crossbeam) from which it results that $S_1 = m (1 - \xi) V_1$, $S_2 = MV_2$, where V_1 = the velocity received by the pole at the finish of the shock, V = the velocity of the crossbeam at the finish of the shock, M = its mass. Thus the energy transmitted to the frame is expressed by equation (10):

$$T_o = \frac{S_1^2}{2m(1-\xi)} \text{ plus } \frac{S_2^2}{2M}$$

where $S_1, S_2 = s \xi (1-\xi)$, and s = the intensity of the equally distributed impulse. If it is considered that the magnitude of the impulse coming down on the crossbeam is small enough to be eventually neglected, always assuming that the crossbeam when receiving the shock will react as being of an absolutely solid consistency the following equation is obtained:

$$T_o = \frac{S_1^2}{2m\xi}$$

This system during the first moments of an impact received might be much

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Computation of structures and their elements...

more complicated if the impulse is acting only on a certain specific point. Then it would be most difficult to judge where and when dangerous stresses might originate, but they are very seldom as e.g. when a shell's shock is produced. There are 5 Soviet-bloc references.

PRESENTED: by M. T. Urazbayev, Academician of the AN UzSSR (Academy of Sciences of the UzSSR)

SUBMITTED: May 5, 1959

*INSTITUT MEKHANIKI AN UZSSR. Predstavleno
AKAD. AN UZSSR M.T. URAZBAYEVYM*

Card 3/3

SHARAFUTDINOV, V.I.

Solution of the problem of lateral vibrations in beams taking shear and turning inertia into account. Izv.AN Uz.SS.Sr. Ser.tekh.nauk no.6:28-35 '61. (MIRA 14:12)

1. Institut mekhaniki AN Uzbekskoy SSR.
(Beams and girders--Vibration)

SHARAFUTDINOV, V.I.

Free vibrations of beams. Izv. AN Uz.SSR. Ser. tekhn. nauk 6 no.1:89-92
'62. (MIRA 15:2)

1. Institut mekhaniki AN UzSSR.
(Beams and girders--Vibration)

URAZBAYEV, M.T., akademik; LEYDERMAN, Yu.R.; SHARAFUTDINOV, V.I.

Seismic loads in a system with two degrees of freedom. Izv.
AN Uz.SSR.Ser.tekh.nauk no.4:32-40 '61. (MIRA 15:1)

1. Institut mekhaniki AN UzSSR. 2. Akademiya nauk UzSSR
(for Urazbayev).

(Earthquakes and building)

USMANOV, Kh.U.; KALABANOVSKAYA, Ye.I.; GRANITOVA, O.I.; SHARAFUTDINOVA, E.G.

Study of relaxation processes in cellulose fibers subjected to
gamma-radiation. Uzb. khim. zhur. 7 no.2:76-79 '63.

(MIRA 16:8)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina i
Altayskiy sel'skokhozyaystvennyy institut.
(Cellulose) (Gamma rays)

SHARAFUTDINOVA, R.M.

Tuberculosis control in the Tatar A. S. S. R. during the first
years of Soviet power. Nauch. trudy Kaz. gos. med. inst. 14:
99-101, 1952. (BIA 18:9)

1. Kafedra organizatsii zdoravookhraneniya s istoriyey meditsiny
(zav. - prof. T.D. Buzhikov) Kazanskogo meditsinskogo instituta.

Call "Help" for details of how to use this file. "Work" on
"Help" menu. For more info on K. I. Georgia, India, Arab. World,
333, page 333
Central Asia State University

SHARAFUTDINOVA, Z. S., Cand Med Sci (diss) -- "The organization of obstetric aid in the city of Kazan' and the physical development of the newborn". Kazan', 1959. 16 pp (Kazan' State Med Inst, Second Chair of Obstetrics and Gynecology and Chair of the Organization of Health and the History of Medicine), 200 copies (ML, No 10, 1960, 137)

SHARAFUTDINOVA, Z.S., assistant

History of obstetrical aid in Kazan. Kaz.med.zhur. 40 no.4:95-97
Jl-Ag '59. (MIRA 13:2)

1. Iz 2-y kafedry akusherstva i ginekologii (zaveduyushchiy - prof. Kh.Kh. Meshcherov) i kafedry organizatsii zdravookhraneniya i istorii meditsiny (zaveduyushchiy - prof. T.D. Epshteyn) Kazanskogo meditsinskogo instituta. Nauchnyy rukovoditel' raboty - doktor med.nauk V.V. Treyman.

(KAZAN--OBSTETRICAL NURSING)

SHARAFYAN M A

ca

11-6

Blood gases and oxygen and carbon dioxide dissociation curves in circulatory insufficiency. N. A. Kurshakov and M. A. Sharafyan. *Klin. Med. (U.S.S.R.)* 25, No. 8, 30-46(1947).—During decompensation the arterial blood concn. is diminished and is further reduced during improvement of the patient, whereas the concn. of venous blood is also reduced but increases during improvement so that the arterio-venous difference, coeff. of utilization, and percentage of utilization decrease toward normal. The O-dissocn. curves are shifted towards higher O pressures. The CO₂ content of the blood varies from high to low; the bikali reserve and CO₂-combining power are usually in the low normal range. The blood pH is normal. H. L. Williams

454 31 A METALLOGICAL LITERATURE CLASSIFICATION

ALEKSEYEV, N.; GRACHEV, V.; MALEYEVA, A.; MENZHINSKIY, G.; NOVOZHILOV, V.;
SHARAGIN, A.; URVICHEV, P.

Over-all mechanization and electrification of the production.
Vop. ekon. no.3:100-110 Mr '60. (MIRA 13:2)
(Khomutovka District--Farm mechanization) (Rural electrification)

NEPRIMKEROV, N.N.; SHARAGIN, A.G.; NUZHIN, M.T., prof., otv. red.; MARKOV, M.T., prof., zamestitel' otv. red.; KASHTANOV, S.G., prof., red.; ARBUZOV, B.A., akademik, red.; AL'TSHUL'ER, S.A., prof., red.; LIVANOV, N.A., prof., red.; NORDEN, A.P., prof., red.; PISAREV, V.I., prof., red.; TIKHVINSKAYA, Ye.I., prof., red.; BARYSHNIKOV, V.G., dots., red.; KOLESNIKOVA, Ye.A., dots., red.; KOLOBOV, N.V., dots., red.; MOROZOV, D.G., dots., red.; KHARITONOV, A.P., dots., red.; YUDIN, I.N., red.; SAMITOV, Yu.Yu., red.

[Investigations of wells and development of preventive paraffin control methods] Issledovanie skavazhiny i razrabotka preventivnykh metodov bor'by s-parafinom. Kazan' 1957. 108 p. (Kazan, Universitet. Uchenye zapiski, vol. 117, no.3). (MIRA 11:5)

1. Rektor Kazanskogo gosudarstvennogo universiteta (for Nuzhin).
 2. Prorektor po nauchnoy rabote Kazanskogo gosudarstvennogo universiteta (for Markov).
 3. Prorektor po uchebnoy rabote Kazanskogo gosudarstvennogo universiteta (for Kashtanov).
 4. Sekretar' part-koma Kazanskogo gosudarstvennogo universiteta (for Yudin).
- (Oil wells) (Petroleum engineering)

FAYZULLIN, F.F.; SHARAGIN, A.G.; KOCHMAN, E.D.

An electronic oscillograph arrangement for the study of electrode processes (with summary in English). Zhur.fiz.khim.31 no.7:1640-1642 J1 '57. (MIRA 10:12)

1. Kazanskiy gosudarstvennyy universitet im. V.I.Ul'yanova-Lenina.
(Oscillograph) (Electrodes)

ORLOV, R.S.; SHARAGIN, A.G.

Generator of paired electric impulses. Fiziol.zhur. 43 no.5:473-474
My '57. (MIRA 10:12)

1. Kafedra fiziologii Kazanskogo meditsinskogo instituta, Kazan'.
(PHYSIOLOGY, apparatus and instruments,
generator of paired electric impulses (Rus))

DEPRYMER-V, N.N.; SHARAGIN, A.G.

Investigation of walls in the Neflyanynye Pamy field with
remote-control devices. Izv.vys. shk. zash. no. 1 gaz. 6
no. 5:53-56 1983 (MIRA 17:87)

1. Kazanskij p. inzhenernyy universitet imeni V.I. Ul'yanova-
lenina.

NEPRERBOV, N.N.; SHAPAGIN, A.G.; YASHIN, Ye.I.; PLATONOV, Yu.K.; KUKUSHKIN, N.M.

Investigating acting gas wells with combined KGU remote-control devices. Izv. vys. ucheb. zav.; neft' i gaz 7 no.7:101-106 '64.

NEPRIMEROV, N.N.; SHAPAGIN, A.G.; YASHIN, Ye.I.; PLATONOV, Yu.I.;
KUKUSHKIN, N.M.

Study of active gas wells using complex remote control instruments
of the Kazan State University. Izv. vys. ucheb. zav.; neft' i
gaz 7 no.10:39-44 '64. (MIRA 18:2)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-
Lenina.

ARTEM'YEV, Yu.N., kand. tekhn. nauk; ASTVATSATUROV, G.G., inzh.;
BARABANOV, V.Ye., inzh.; BARYKOV, G.A., inzh.; BISNOVATYY, S.I.,
inzh.; GALAYEVA, L.M., inzh.; GAL'PERIN, A.S., kand. tekhn. nauk;
GAL'CHENKO, I.I., inzh.; GONCHAR, I.S., kand. tekhn. nauk;
DEGTYAREV, I.L., kand. tekhn. nauk; DYADYUSHKO, V.P., inzh.;
YERMAKOV, I.N., inzh.; ZHOTKEVICH, T.S., inzh.; ZUSMANOVICH, G.G.,
inzh.; KAZAKOV, V.K., inzh.; KOZLOV, A.M., inzh.; KOROLEV, N.A.,
inzh.; KRIVENKO, P.M., kand. tekhn. nauk; LAPITSKIY, M.A., inzh.;
LEBEDEV, K.S., inzh.; LIBERMAN, A.R., inzh.; LIVSHITS, L.G., kand.
tekhn. nauk; LOSEV, V.N., inzh.; LUKANOV, M.A., inzh.; LYUBCHENKO,
A.N., inzh.; MAMEDOV, A.M., kand. tekhn. nauk; MATVEYEV, V.A.,
inzh.; ORANSKIY, N.N., inzh.; POLYACHENKO, A.V., kand. tekhn. nauk;
POFOV, V.P., kand. tekhn. nauk; PUSTOVALOV, I.I., inzh.;
PYTCHENKO, P.I., inzh.; PYATETSKIY, B.G., inzh.; RABOCHLY, L.G.,
kand. tekhn. nauk; ROL'BIN, Ye.M., inzh.; SELIVANOV, A.I., doktor
tekhn. nauk; SEMENOV, V.M., inzh.; SKOROKHOD, I.I., inzh.; SLABODCHIKOV,
V.I., inzh.; STORCHAK, I.M., inzh.; STRADYMOV, F.Ya., kand. tekhn.
nauk; SUKHINA, N.V., inzh.; TIMOFEYEV, N.D., inzh.; FEDOSOV, I.M.,
kand. tekhn. nauk; FILATOV, A.G., inzh.; KHODOV, L.P., inzh.;
KHROMETSKIY, P.A., inzh.; TSVETKOV, V.S., inzh.; TSEYTLIN, B.Ye.,
inzh.; SHARAGIN, A.M., inzh.; CHISTYAKOV, V.D., inzh.; BUD'KO, V.A.,
red.; PESTRYAKOV, A.I., red.; GUREVICH, M.M., tekhn. red.

(Continued on next card)

ARTEM'YEV, Yu.N.--- (continued) Card 2.

[Manual on the repair of machinery and tractors] Spravochnik po
remontu mashinno-traktornogo parka. Pod red. A.I.Selivanova.
Moskva, Sel'khozizdat. Vols.1-2. 1962. (MIRA 15:6)
(Agricultural machinery--Maintenance and repair)
(Tractors--Maintenance and repair)

BORMOTOV, P.N., inzh.; GRISHIN, S.S.; ANTIPOV, Yu.; VITRIK, E.V., inzh.;
KOSAREV, P.S.; NEKHOROSHEV, A.I.; RYABTSEV, G.I.; KOTOV, S.F.; SHARAGIN,
M.A., gornospasatel' (Komi ASSR, g. Ukhta)

On P.M. Solvov's article "Improve the design of the SP-55M self-
rescuers." Bezop.truda v prom. 6 no.7:9-11 JI '62. (MIRA 15:7)

1. Tekhnicheskoye upravleniye Kombinata ugol'nykh predpriyatiy Kuznetskogo kamennougol'nogo basseyna (for Bormotov).
2. Master shakhty im. Lenina Makeyevskogo tresta ugol'noy promyshlennosti Donbassa (for Grishin).
3. Komandir vzvoda voyenizirovannoy gornospasatel'noy chasti, pos.Zarubino, Novgorodskoy oblasti (for Antipov).
4. Shakhta No.24, Lubanskaya oblast' (for Vitrik).
5. Zaveduyushchiy gornymi rabotami Nikitovskogo dolomitnogo kombinata (for Kosarev).
6. Komandir otdel'niya No.8 VGSO, g. Shakhty, Rostovskaya obl. (for Nekhoroshev).
7. Komandir gornospasatel'nogo otdeleniya, g. Shakhtersk, Donetskaya obl. (for Ryabtsev).
8. Zamestitel' glavnogo inzh. shakhty No.29 "Kapital'naya" Chelyabinskogo kombinata ugol'nykh predpriyatiy Ministerstva ugol'noy promyshlennosti SSSR (for Kotov).
(Respirators) (Solovov, P.M.)

SHARAGINA, Z. I.

"Local Limit Theorems for Certain Schemes of Cyclic Processes." Cand Phys-Math Sci, Moscow City Pedagogical Inst imeni V. P. Potemkin, Chair of Mathematical Analysis, Min Education RSFSR, Moscow, 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

KOTOVA, V.G.; SHARAGINA, Z.I.

Statistical simulation of a pulse system for contactless
measurement of the speed of rolling. Izv. AN SSSR. Tekh.
kib. no.5:113-122 S-0 '65. (MIRA 18:11)

SHARAGINA, Z.I.

Local limit theorems for certain schemes of cyclic processes. Dokl.
AN SSSR 110 no.4:521-522 O '56. (MIRA 10:1)

1. Nizhne-Tagil'skiy gosudarstvennyy pedagogicheskiy institut. Pred-
stavleno akademikom A.N.Kolmogorovym.
(Limit theorems (Probability theory))

BUSLENKO, Nikolay Fanteleymonovich. Prinimala uchastiye
SHARAGINA, Z.I.; DONCHENKO, V.V., red.

[Mathematical modeling of industrial processes using
electronic digital computers] Matematicheskoe modeli-
rovanie proizvodstvennykh protsessov na tsifrovyykh
vychislitel'nykh mashinakh. Moskva, Nauka, 1962. 362 p.
(NARA 18:1)

S/194/61/000/008/016/092
D201/D304

9.2530

AUTHORS: Bocharov, Yu.I. and Sharakhin, V.N.

TITLE: Selecting the method of calculating magnetic amplifier characteristics

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 9, abstract 8 V82 (Nauchno-tekhn. inform. byul. Leningr. politekhn. in-ta, 1960, no. 8, 66-72)

TEXT: Two methods are considered and analyzed of calculating and constructing characteristics of a feed-back magnetic amplifier: 1) Application of the family of steel characteristics with simultaneous magnetization, disregarding the feedback and using its circuitry for determining the dependence of the load current on the direction of control current; 2) Use of magn. characteristics constructed with the effect of positive feedback. The disadvantages of the first method are discussed, at the same time its simplicity VB

Card 1/2

Selecting the method...

S/194/61/000/008/016/092
D201/D304

and universality pointed out. The second method, more cumbersome, may be applied where more accurate characteristics of the magnetic amplifier have to be obtained. 6 figures. 3 references. [Abstrac-
ter's note: Complete translation] ✓B

Card 2/2

ALIKHANYAN, A.I.; ASATIANI, T.L.; KRISHCHYAN, V.M.; MATEVOSYAN, E.M.;
SHARAKHATUNYAN, R.O.

Polarization of cosmic μ -mesons. Izv. AN SSSR. Ser. fiz. 26 no.6:
713-715 Je '62. (MIRA 15:6)

1. Fizicheskiy institut Akademii nauk Armyanskoy SSR.
(Mesons) (Cosmic rays)

SHARAKHEDOV, A.

Cotton

We're irrigating cotton fields by a new method. Kolkh. proizv. 13, no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

SHARAKHMEDOV, A.; RAKHMANKULOV, A. [translator]; TIKHONOVA, I., red.
SALAKHUTDINOVA, A., tekhn. red

[Green light to cotton; from the experience of the Khrushchev
Collective Farm Yangi-Yul' District, Tashkent Province] Khlopki-
zelenuiu ulitsu; iz opyta kolkhoza imeni Khrushcheva [Anguiul'
skogo raiona Tashkentskoi oblasti. Tashkent, Gos.izd-vo UzSSSR,
1961. 45 p. (MIRA 15:1)

(Yangi-Yul' District--Cotton growing)

S/048/62/026/006/003/020
B125/B112

AUTHORS: Alikhanyan, A. I., Asatiani, T. L., Krishchyan, V. M.,
Matevosyan, E. M., Sharakhaturyan, R. O.

TITLE: Cosmic muon polarization

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26,
no. 6, 1962, 713 - 715

TEXT: The results hitherto obtained by the authors and G. W. Clark (see reference) cannot be regarded as definite since data on polarization are inadequate and no check measurements with depolarizing material have been made. More reliable results were obtained at momenta of ~ 2.1 Bev/c with the aid of two identical improved apparatus (Fig. 2). Constant hodoscopic counters were attached to the counter series I, II, III for determining the muon direction. The anti-coincidence pulse I + III - IV separates the muon stopping events in the copper absorber and produces a high voltage pulse. This pulse is transmitted to the counters 1 to 10 which fix the decay electrons 1.2 to 4.7μ sec after the stopping. The constant hodoscope and the pulse hodoscope were recorded with an Φ P-2 (FR-2) photo-

Card 1/8

Cosmic muon polarization

S/048/62/026/006/003/020
B125/B112

recorder. Each decay event was evaluated with a special stencil. A possible asymmetry of the apparatus was eliminated by a magnetic field of 80 gauss automatically switched on and off at intervals of 30 min. $P = R_o/R_{80} = 1.20 \pm 0.03$ holds for the polarization P. The present experimental data do not indicate any significant amount of muon impurities produced in $K_{\mu\mu}$ -meson decay. There are 2 figures and 1 table. The most important English-language reference is: G. W. Clark, J. Hersil, Phys. Rev., 108, 1538 (1957).

ASSOCIATION: Fizicheskiy institut Akademii nauk ArmSSR (Physics Institute of the Academy of Sciences ArSSR)

Card 2/82

Continued, p. 2.

New electric...
of the...
1954

MINOUE, T.M., H. KAGIYAMA, S.N.

Accuracy of the measurement of instantaneous velocity in an open
diode system of an electric drive. Trans. 21 200-83-93 162.

(MIRA 17:1)

NEGGOVOROVA, Yelena Dmitriyevna, kand.tekhn.nauk, dotsent; KAAZIK, Paul'
S. I. I. ovich, kand.tekhn.nauk, dotsent; SHARAKHIN, Vladimir Nikolayevich,
assistent; ZABOROVSKIY, Sergey Aleksandrovich, assistant; BORISOV,
Albert Petrovich, assistant; TOKOV, Mikhail Ivanovich, assistant

Frequency system for regulating the angular velocity of an asynchronous
motor with fan load and auxiliary power supply. Izv.vys.ucheb.zav.;
elektromekh. 8 no.9:966-975 '65. (MIRA 18:10)

1. Kafedra elektricheskikh mashin Leningradskogo politekhnicheskogo
instituta (for Neagovorova, Kaazik, Borisov, Tokov). 2. Kafedra
elektrooborudovaniya promyshlennykh predpriyatiy Leningradskogo
politekhnicheskogo instituta (for Sharakhin, Zaborovskiy).

ACC NR: AT6022757

SOURCE CODE: UR/2563/65/000/259/0033/0038

AUTHOR: Sharakhin, V. N.

ORG: None

43
B+1

TITLE: Small oscillations in a synchronous reaction motor

SOURCE: Leningrad. Politekhnikheskiy institut. Trudy, no. 259, 1965. Perekhodnyye protsessy v avtomatizirovannom elektroprivode (Transient processes in automated electric drive), 33-38

TOPIC TAGS: electric motor, motor generator, vibration damping, motion stability

ABSTRACT: The author analyzes a system of equations describing the behavior of a synchronous electric machine of the induction type assuming small oscillations in the relative motion of the rotor according to a harmonic law as a function of time, and derives expressions for the synchronizing and damping moments in terms of the parameters which describe the machine and operating conditions. It is shown that the synchronizing and damping moments produced by small rotor oscillations during steady-state motion of a synchronous reaction motor result in stable motion of the rotor only for negative values. Formulas are derived for determining the zone of stable operation assuming that the machine is acting as a generator. If these formulas are to be used for determining the zone of stable operation of the machine acting as a motor,

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L 05411-67

ACC NR: AT6022757

the parameter for the angle between the transverse axis and the vector for the supply voltage at zero frequency under short-circuit conditions as well as the parameter for rotor slip should be taken as negative. Source parameters should also be taken into account if they are comparable with machine parameters. The limit of stable operation depends to a considerable degree on the period of rotor oscillations. Therefore an artificial increase in the moment of inertia on the motor shaft is often useful for reducing the frequency of rotor oscillations. The synchronizing and damping moments depend on the load which makes it advisable to use these motors in combination with a coarse electric drive. Orig. art. has: 2 figures, 8 formulas.

SUB CODE: 09/ SUBM DATE: None/ ORIG REF: 001/ OTH REF: 001

Card 2/2 *DR*

SHARAKHIN, D

Work of an urban automotive transportation trust. Avt. transp.
42 no.10:37-39 C 164. (NIIA 17:11)

1. Upravlyayushchiy Tashkentskiy gorodskiy avtotrastom.

SHARAKHOV, P.

Automobile and motorcycle race under military sponsorship. Voen.
znan. 37 no.9:20 S '61. (MIRA 14:9)

1. Predsedatel' komiteta pervichnoy organizatsii Dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu Yakhromskoy fabрики,
Dmitrovskiy rayon, Moskovskoy oblasti.
(Moscow Province--Automobile racing) (Motorcycle racing)

SHARALAPOV, I. M.

18
Shaft furnace for continuous calcining and agglomeration of ore / N. A. Fokin, L. P. Hishkov, D. I. Maloletov and I. M. Sharalapov. D.S.S.R. 107,066, Aug. 25, 1957.
M. Hosh

6
AERC

11
R8

FORTUNATOV, A.V.; SHARALLO, I.P.

Problem of cold phosphating of steel. Report No.2. Uch.zap..
SGU 75:116-117 '62. (MIRA 17'3)

SHARABEYAN, T.Sh.

Vascular reflexes in brucellosis patients. Vop.kardiol.
no.1:146-155 '56. (MIRA 12:9)

1. Iz Gospital'noy kliniki Yerevanskogo medinstituta.
(REFLEXES) (BRUCELOSIS) (PLETHYSMOGRAPHY)

SHARANBEYAN, T. Sn., Cand Med Sci -- "Changes of the cardiovascular system in patients ~~affected with~~ brucellosis."

Yerevan, 1961. (Min of Health ArSSR. Yerevan Med Inst)

(KL, 8-61, 266)

- 542 -

USSR/Crystals.

B-5

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18333

alkali-haloid crystals as compared with the probability of optical transitions, a reversed relation being observed at high temperatures. Therefore, the luminescence of F-centers is impossible at high temperatures.

Card 2/2

- 92 -

SHARANGIYA, A.F.

Secondary effect in the tension of a composite beam with a slightly bent axis. Soob. AN Gruz. SSR 24 no. 1:15-22 Ja '60.

(MIRA 14:5)

1. Gruzinskiy politekhnicheskiy institut im. V.I. Lenina.

Predstavleno akademikom N.I. Muskhelishvili.

(Girders)

SHARANGIYA, H.G.

6
Soc. Mech
4

Mathematical Reviews
Vol. 15 No. 1
Jan. 1954
Mechanics

Gorgidze, A. Ya. Stretching and bending by couples of naturally twisted composite beams. Soobščeniya Akad. Nauk Gruzin. SSR 13, 73-80 (1952). (Russian)

Ruhadze, A. K. The problem of stretching of naturally twisted beams composed of various elastic materials. Soobščeniya Akad. Nauk Gruzin. SSR 13, 137-144 (1952). (Russian)

Ruhadze, A. K. The problem of bending by couples of naturally twisted prismatic beams composed of various elastic materials. Soobščeniya Akad. Nauk Gruzin. SSR 13, 265-272 (1952). (Russian)

Šarangiya, A. G. On bending by couples of a twisted beam composed of different materials. Soobščeniya Akad. Nauk Gruzin. SSR 13, 389-396 (1952). (Russian)

The problems of extension, torsion and bending by end couples of prismatic beams composed of different elastic materials were formulated and solved under certain restrictions by N. I. Mushelišvili [C. R. Acad. Sci. Paris 194, 1435-1437 (1932); Izvestia Akad. Nauk SSSR. Otd. Mat. Estest. Nauk (7) 1932, 907-945]. A detailed account of the state of problems up to 1949 is contained in Mushelišvili's monograph, "Some fundamental problems of the mathematical theory of elasticity" [3rd ed., Izdat. Akad. Nauk SSSR, Moscow-Leningrad, 1949, pp. 538-591; these Rev. 11, 626].

The object of the papers under review is to extend the Mushelišvili solutions to composite initially twisted beams. The cross-section S of the beam is assumed to consist of several closed nonintersecting simply connected domains S_i ($i=1, 2, \dots, m$), contained within a closed region S_0 .

(over)

AUTHORS: Vovsi, B. A., ~~Sharanin, Yu. A.~~ SOV/156-58-2-33/48
Petrov, A. A., Masliy, L. K., Yakovleva, T. V.

TITLE: The Action of Phosphorus Pentachlorides on Vinyl Acetylene
and Isopropenyl Acetylene (Deystviye pyatikhloristogo fos-
fora na vinilatsetilen i izopropenilatsetilen)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya
tekhnologiya, 1958, Nr 2, pp. 335 - 338 (USSR)

ABSTRACT: In previous reports (Refs 1-3) it was proved that the
sequence of the affiliation of various substances to the
vinyl acetylene hydrocarbons depends on the structure
of the latter and on the nature of the affiliated molecules.
It was interesting to compare the results thus obtained
to those concerning the affiliation of compounds to the
vinyl acetylene hydrocarbons which react under a rupture
of the P —halide-3-bond, above all of the phosphorus
pentachloride. A survey of publications follows. The authors
investigated the affiliation of PCl_5 to the acetylene
mentioned in the title in a benzene² or CCl_4 -medium. The
reaction is accompanied by a HCl-separation. In the case

Card 1/4

The Action of Phosphorus Pentachlorides on Vinyl
Acetylene and Isopropenyl Acetylene

SOV/156-58-2-33/48

of vinyl acetylene excess and increased temperature (35°) the reaction was limited to the chlorination of the hydrocarbon (mostly tetrachlorides were formed). At low temperature phosphoric products are formed. The latter are rather viscous oils which consolidate after longer storage. They do not contain acetylene groupings, since they do not form acetylenides with a silver oxide solution. Intensive frequencies of the double bonds (approximately 1650 cm^{-1}) occur in the infrared spectra of the adducts. Frequencies of the acetylene- and allene grouping are lacking (Fig 1). The chlorine atoms connected with phosphorus are exchanged easily with methoxyl groups in the case of a treatment with alcohol alkalis. The ether formed in this case are liquids which are easily polymerized if they are stored and heated. The analysis of the adducts showed that they contain 4 chlorine atoms two of which are connected with the carbon. The 1,3-diene character of the investigated substances made possible the determination unobjectionable of the position of one of these chlorine atoms. Several assumptions are made concerning the second. The chlorine

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The Action of Phosphorus Pentachlorides on Vinyl
Acetylene and Isopropenyl Acetylene

SOV/156-58-2-33/48

atoms are assumed to substitute to a great extent the hydrogen atoms in the group $\text{CH}_2=\text{CH}-$. This is in agreement with the fact that the mentioned substance forms in the case of ozonization considerable quantities of formaldehyde. The spectrum of the adduct which was obtained from isopropenyl acetylene is similar to the above mentioned. Thus it was explained that PCl_5 is affiliated in vinyl- and isopropenyl acetylene only to the acetylene bond. The affiliation products differ, however, from the expected chlorine anhydrides of the chlorine alkadiene phosphinic acids by the presence of an additional chlorine atom the position of which has not yet been determined. There are 1 figure, 1 table, and 8 references, of which are Soviet.

ASSOCIATION: Kafedra organicheskoy khimii Leningradskogo tekhnologicheskogo instituta im.Lensoveta (Chair of Organic Chemistry of the Leningrad Institute of Technology imeni Lensovet)

Card 3/4

TASHEV, T. A., prof.; MEDKOVA-BRATANOVA, N.; SHARANKOV, Em., dots.

Determination of the higher nervous system in peptic ulcer.
Nauch. tr. ISUL, Sofia 2 no.1:3-21 1953.

1. Katedra po vutreshni bolesti sus stomashno-chrevni
zaboliavania i lechebno khranene i katedra po nevrologiia i
psikhiatriia. Zav. katedrata: prof. T. A. Tashev.

(PEPTIC ULCER, physiology,
higher nervous funct.)

(CENTRAL NERVOUS SYSTEM, in various diseases,
peptic ulcer, higher nervous funct.)

STOIANOV, Akadii [deceased]; SHARANKOV, E.

Solutions of some differential equations of the
 $y'' + A(x)y' + B(x)y = 0$ type. Godishnik Inzh stroit inst
16 no.2:123-128 '64.

SHARANKOV, Em., Dots.

Modified E. I. Karmanov's therapeutic method. Suvrem. med.,
Sofia 7 no.6:45-49 1956.

1. Iz Katedrata po psikhiatriia pri ISUL. (Zav. katedrata: dots.
Em. Sharankov).
(EPILEPSY, therapy,
(Bul))

BRUNNEN, G.

BRUNNEN, G. (1968) Progress in non-linear algebra. Adv. Math. (Ser. 1) 15 no. 1: 1-13. 1968.

BULGARIA

SHARANKOV, Em., BOSTANDZHIEV, T., STOIMENOV, I., MANOLOVA, Z. and GENCHEV, I.; Department of Psychiatry of Institute for Postgraduate Medical Studies (Katedra po psikhiatriya pri ISUL) Head Prof E. SHARANKOV, and Institute for Scientific Research in Neurology and Psychiatry (Nauchno-izsledovatel'skiy institut po nevrologiya i psikhiatriya,) Director (direktor) G. GANEV; [Sofia.]

"Treatment of Depressive Conditions with Tofranil."

Sofia, Nevrologiya i Psikhiatriya, Vol 2, No 2, Mar-Apr 63; pp 88-95.

Abstract [English summary modified]: Comprehensive report on clinical study with imipramine in 107 patients 1960-1961: diagnostic tabulation, dosage, side effects, results. In general, 'excellent' results in 33, good in 45; 7 were 'worse' - latter classification apparently includes 2 who died [no data or comments]. One patient took 40 1-Gm tablets in suicidal attempt and recovered but it is not stated with what promptness and type of first aid. Four tables.

1/1

2

KOLAROVA, D.; TSAFAROV, K.; SHARANKOV, Ye.

Problem of compulsory treatment of patients with chronic alcoholism.
Zhur.nevr.i psikh. 61 no.3:428-438 '61. (MIRA 14:7)

1. Kafedra psikhiatrii (zav. - prof. Ye.Sharankov) Instituta usovershen-
stvovaniya vrachey, Sofiya.
(ALCOHOLISM)

SHARANOV, A.; MURAV'YEV, A.

The heart does not retire. Okhr.truda i sots.strakh. 5 no.11:12
N '62. (MIRA 15:12)

1. Glavnyy tekhnicheskyy inspektor Tyumenskogo oblastnogo soveta
professional'nykh soyuzov (for Sharanov). 2. Tekhnicheskyy
inspektor Tyumenskogo oblastnogo soveta professional'nykh soyuzov
(for Murav'yev).
(Tyumen' Province--Lumbering--Hygienic aspects)

IVANOV, P.D.; SHARANOV, A.G.

Foundryman's brief technological handbook. Lit.proizv. no.10:
32-3 of cover 0 '57. (MIRA 10:12)
(Founding)

68889

S/051/60/008/02/016/036

E201/E391

Sharanov, A.I.

12 1 70
AUTHORS: Shklyarevskiy, I.N. and Sharanov, A.I.
TITLE: A Photographic Method of Measuring Optical Constants of Metals

PERIODICAL: Optika i spektroskopiya, 1960, Vol 8, Nr 2,
pp 239 - 242 (USSR)

ABSTRACT: The paper describes a photographic method of measuring optical constants of metals in the visible and ultra-violet regions. This method is a modification (in experimental technique and in calculations) of the Shklyarevskiy et al polarization method of measuring optical constants of metals in the visible (Ref 1) and infrared (Refs 2,3) regions, based on the use of multiple reflection of light from two parallel identical samples. The apparatus used is shown schematically in Figure 1. White light from a source O proceeds via an achromatic lens L_1 and a polarizer P to reach a sample (2) from which it is reflected to another sample (1). Several such reflections occur between the two samples and then the light proceeds via an analyser,

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E201/E591
Optical Constants of Metals

A Photographic Method of Measuring φ_1 , $\Delta_1 = -60^\circ$ and φ_2 , $\Delta_2 = -36^\circ$. The refractive index μ and the absorption index $\mu\chi$ are given by:

$$\mu = \left[\frac{1}{2} (a^2 - b^2 + \sin^2 \varphi) + \frac{1}{2} \sqrt{(a^2 - b^2 + \sin^2 \varphi)^2 + 4a^2 b^2} \right]^{1/2} \quad (3)$$

$$\mu\chi = \left[\frac{1}{2} (a^2 - b^2 + \sin^2 \varphi) - \frac{1}{2} \sqrt{(a^2 - b^2 + \sin^2 \varphi)^2 + 4a^2 b^2} \right]^{1/2}$$

where:

$$b = \frac{\text{tg } \Delta_1 \text{tg } \Delta_2 (\sin^2 \varphi_1 \text{tg}^2 \varphi_1 - \sin^2 \varphi_2 \text{tg}^2 \varphi_2)}{2(\text{tg } \Delta_2 \sin \varphi_1 \text{tg } \varphi_1 - \text{tg } \Delta_1 \sin \varphi_2 \text{tg } \varphi_2)} \quad (4)$$

Card 5/5

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S/051/60/008/02/016/036

E201/E391
A Photographic Method of Measuring Optical Constants of Metals

$$a = \sqrt{\sin^2 \varphi_1 \operatorname{tg}^2 \varphi_1 - b^2 - 2b \operatorname{ctg} \Delta_1 \sin \varphi_1 \operatorname{tg} \varphi_1} \quad (5)$$

and

$$\sin^2 \varphi = \frac{1}{2} (\sin^2 \varphi_1 + \sin^2 \varphi_2) \quad (6)$$

If $\sin^2 \varphi_1 \approx \sin^2 \varphi_2 \ll |\mu^2 - (\mu\chi)^2|$, then $\mu = a$ and $\mu\chi = b$. The optical constant can be found also graphically. To check the method suggested the authors measured the optical constants of antimony in the visible region of the spectrum. The following values were obtained: ✓

Card 4/5

68889

S/051/60/008/02/016/036

E201/E391

A Photographic Method of Measuring Optical Constants of Metals

$\lambda = 650 \text{ m}\mu$	$\mu = 2.69$	$\mu_{\chi} = 3.92$
= 600	= 2.31	= 3.89
= 550	= 2.01	= 3.69
= 500	= 1.75	= 3.44
= 450	= 1.46	= 3.14 .

The authors measured also the optical constants of antimony using the original unmodified polarization method (Ref 1) and found that these constants agreed with the values quoted above. The optical constants of antimony obtained by the authors differ somewhat from those reported by Quincke (Ref 7). N. Ya. Seraya and L. Ya. Seraya took part in measurements of the optical constants of antimony. Acknowledgment is expressed to K.D. Sinel'nikov for his advice. There are 2 figures and 8 references, 5 of which are Soviet and 3 German.

DATE: July 5, 1959

Card5/5

SHARANOV, T. D.

"Improvement of Soil Conditions for the Raising of Perennial Grasses In a Rice-Crop Rotation System on the Kzyl-Ordinsk by Mass Irrigation." Cand Agr Sci, Inst of Soil Sciences, Acad Sci Kazakh SSR, Alma-Ata, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

So: Sum. No. 481, 5 May 55

SHARANOV, I. S.

IA 017)

USSR/Petroleum
Geology

Mar 1948

"Geological Structure and Perspectives of Petroleum
Capacity of the Northern Starunya Region," I. S.
Sharanov, 2 pp

"Neftyanoye Khozyaystvo" No 3

Region is in foothills of Eastern Carpathians. Gives
map of geological structure with brief discussion.
Region is interesting from point of view of its oil
capacity and author proposes that prospecting work be
started.

61795

SHARANOV, I. S.

May/June 53

USSR/Geology - Depressions

"Northern Borderlands of the Donets Basin, and the Donets Area of Marginal Flexures,"

I. S. Sharanov

Byul Mosk Ob Isp Prir, Ot Geol, Vol 28, No 3, pp 64-67

Discusses the general structure of the northern borderlands of the Donets basin. Within the basins, the marginal flexures of the Donets area are a prominent geostructural feature which connects the Donets ridges and the Dnepr-Donets depression into a single submersion. The submersion was formed during the Devonian in the southern section of the Russian platform.

267T85

SHARANOV, I. S.

USSR/ Geology--Fluvial action

Card 1/1 Pub. 86--17/39

Authors : Sharanov, I. S.

Title : Geological past of the Dnepr

Periodical : Priroda 44/1, 88--89, Jan 1955

Abstract : The geological history of the Dnepr is traced to its formation during the Tertiary or Quaternary Period, the precise time being a matter of discussion. An analysis is made of the land formations to show how the river changed its direction during its development. Map.

Institution :

Submitted :

AID P - 4849

Subject : USSR/Engineering
Card 1/2 Pub. 103 - 9/26
Authors : Morozov, I. K., P. A. Sharanov and A. Ya. Kiryushov
Title : Control devices for parts processed in grinding machines
Periodical : Stan. 1 instr., 2, 25-28, F 1956
Abstract : The authors present several measuring devices installed on cylindrical grinding machines, on surface grinders, and others. They illustrate the construction and describe the operation of these devices; their advantages in increased productivity of the machines, and their immediate effect on quality and precision of finished products. The use of such control instruments reduces spoilage and minimize the time required in manual inspection. Six drawings.

SHARANOV, V.V.

PHASE I BOOK EXPLOITATION

SOV/4427
SOV/61-S-27

Akademiya nauk TadzhikskoySSR. Institut astrofiziki

Byulleten', no. 27 (Bulletin of the Astrophysical Institute of the Academy of Sciences Tadzhikskoy SSR, no. 27) Stalinabad, 1959. 38 p. 600 copies printed.

Editorial Board: A.V. Solov'yev (Resp. Ed.), O.V. Dobrovol'skiy, P.B. Babadzhanov, and A.M. Bakharev (Resp. Secretary); Tech. Ed.: P.M. Frolov.

PURPOSE: This booklet is intended for astronomers and astrophysicists.

COVERAGE: The Bulletin of the Astrophysical Institute of the Tadzhikskaya SSR contains the second part of the reports read at the 25th Anniversary Session of the Stalinabad Astronomical Observatory. The first part of the reports appeared in Bulletin of the Stalinabad Astronomical Observatory, nos. 22-23, 1957. The articles in this booklet discuss recent Mars and meteor research. The polarization effect in and the daily distribution of radio wave reflections from meteor trains are discussed. A radar method of determining the mean hourly number of meteors in a stream is described. No personalities are mentioned. References accompany individual articles.

Card 1/2

26.2130

S/207/62/000/002/006/015
D237/D302

AUTHORS:

Soloukhin, R. I. and Sharanova, T. A. (Novosibirsk)

TITLE:

Spectroscopic investigation of the state of gas behind the detonation front

PERIODICAL:

Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 2, 1962, 37-41

TEXT: Distribution of luminosity and temperature of the gas behind the detonation front in acetylene-oxygen mixtures, was investigated. Relatively high emission intensity of the gas in carbon lines made a spectroscopic determination of the temperature possible. Using a monochromator $\gamma M-\alpha$ (UM-2), photomultipliers $\phi 34-11$ (FEU-19) and a double beam oscillograph OK-17M (OK-17M), the authors obtained the time resolution of 0.5×10^{-7} sec, which made measurements near the detonation front possible. The region of $\lambda = 5150 \text{ \AA}$ was used for temperature determination, while the spectral distribution of luminosity was obtained over the range of 4200 -

Card 1/2

Spectroscopic investigation ...

D/207/62/000/002/006/015
D237/D302

5600 Å at intervals of 30 - 80 Å. A narrow zone was detected directly behind the front in which intense emission due to C₂ particles occurred, caused by their deviation from the equilibrium concentration in the region of chemical reaction. The experiments were performed at pressures of 25 mmHg, slit width 0.04 - 1 mm and the maximum temperature of the detonation T_DK^o was presented in tabulated form, for the following mixtures: C₂H₂ + O₂, C₂H₂ + 1.5O₂, C₂H₂ + 2O₂, C₂H₂ + 2.5O₂, C₂H₂ + 3O₂. There are 7 figures and 9 references: 4 Soviet-bloc and 5 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: A. Gaydon and A. Fairbairn, Proc. Roy. Soc., 1957, A239, 1219, 464; G. Kistiakowsky, H. Knight and M. Malin, J. Chem. Phys., 1952, v. 20, no. 5, p. 884; G. Kistiakowsky and W. Zinman, J. Chem. Phys., 1955, v. 25, no. 10, p. 1889; C. Eisen, R. Gross and T. Rivlin, Combustion and Flame, 1960, v. 4, no. 2, p. 137.

SUBMITTED: October 30, 1961

Card 2/2

VEKSLER, V.M., kand. tekhn. nauk; SHARANOVICH, P.A., inzh. (Leningrad)

Efficiency of the vibration method of unloading hopper
cars. Zhel. dor. transp. 41 no.5:56-59 My '59.

(MIRA 12:7)

(Railroads--Freight cars)
(Loading and unloading)

ANNINSKIY, Boris Aleksandrovich, kand. tekhn. nauk, dots.;
SHARANOVICH, Petr Antonovich, inzh.; BARTOSH, N.T.,
inzh., retsenzent; GERASIMOV, V.G., inzh., red.;
VASIL'YEVA, V.P., red. izd-va; PETERSON, M.M., tekhn.
red.

[Overall mechanization of the unloading of bulk materials;
machinery and devices for basic and auxiliary work] Kom-
pleksnaia mekhanizatsiia vygruzki navalochrykh gruzov;
 Mashiny ustroistva dlia osnovnykh i vspomogatel'nykh rabot.
Moskva, Mashgiz, 1962. 283 p. (MIRA 15:8)
(Loading and unloading--Equipment and supplies)

ANDREYEV, Ivan Sergeyevich; SHARANOVICH, P.A., red.

[Use of new types of pneumatic transport equipment in
the aluminum industry] Opyt primeneniia novykh vidov pnev-
motransportnykh ustanovok v aliuminievoi promyshlennosti.
Leningrad, 1965. 20 p. (MIRA 18:10)

BARTOSH, N.T.; MOGILEVSKIY, L.D.; SHARANOVICH, P.A.; VOROSHILOV, B.P.,
inzh., retsenzent; GERASIMOV, V.G., inzh., red.; LEYKINA,
T.L., red. izd-va; BARDINA, A.A., tekhn. red.

[Manual for the operator of machinery used in loading and
unloading] Spravochnik mekhanizatora pogruzochno-razgruzochnykh
rabot. Moskva, Mashgiz, 1963. 419 p. (MIRA 16:8)
(Loading and unloading--Equipment and supplies)

REDZ'KO, V.N. [unclear], ANZHEKIN, B.A., kand. tekhn. nauk,
retsident; SHARAFI, P.A., inzh., red.

[Valves for loose materials; their design and construction]
Zatvory dlia sypuchikh materialov; konstruktsii i raschet.
Moskva, Mashinostroeniya, 1964. 166 p. (MIRA 18:7)

SHARANOVICH, P. N.

COUNTRY : USSR.
 CATEGORY : Zoological Parasitology, Acarids and Insects
 as Disease Vectors, Insects.
 REF. NO. : Zhenizh., No. 14, 1958, No. 62589.
 AUTHORS : Sharanovich, P. H.; Morosova, I.V.
 INST. : Astrakhan Anti-Plague Station.
 TITLE : Seasonal Changes of the Fleas' Numbers in the
 Susliks' Burrows Under Various Landscape-
 Ecological Conditions.
 PUB. NO. : Sb. tr. Astrakhansk. protivochumn. st., 1965,
 vyp. 1, 379-386.
 ABSTRACT : According to observations, conducted in 1947-
 1949 on black earths, the abundance indices
 (I) of *Neosylla setosa* on the small susliks
 and in the entrances of their burrows (verti-
 cal and inclined) were maximal in March-April
 and sharply diminished from the second half of
 May. I of *Ceratophyllus tesquorum* in the en-
 trances in March-April were small and were still
 diminishing in the first half of May. Later
 on, they increased in numbers and attained the
 maximum quantity in June; after that, they

CARD: 1/3

COUNTRY :
CATEGORY :

RES. JOUR. : *EZhBiol.*, No. 14, 1958 No. 62639.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : sharply decreased in numbers towards the end of July. Besides *N. setosa* and *C. tesquorum* in the burrows' entrances were collected fleas from 9 additional species (the most abundant, *Frontopsylla volgensis*, *Stenophthalmus secundus* and *Pulex irritans*). In March of 1949, an accumulation of fleas on the ground's surface in fresh ravines from the inclined suslivs' burrows were observable in the mornings. Out of

QASD: 2/3

COUNTRY :
CATEGORY :
1968
ABS. JOUR. : RZhBiol., No.14, ~~1990~~ No. 62689. G
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : 61 rakings, 15 had flies; altogether, there were collected 71 fleas (some of them on the ground's surface, 180 cm away from the burrows' openings). In the "vestnyanki's" (Springtime susliks) burrows, fleas were absent, but they were encountered in small half-covered "dead-end" burrows. In the Sal'sk and Stalingrad arid steppes, fleas were found in the entrances of the suslike' burrows in all seasons of the year, with the sole exception of the snow-cover period.--R. B. Kosminskiy

CARD: 3/3

SHARANSKIY, B.M.

Increase the durability of mining equipment. Ugol' Ukr. 3 no.4:45
Ap '59. (MIRA 12:7)

(mining machinery)

SHARANSKIY, B.M.

At the conference of engineer and technician representatives
of the Donets Basin Economic Council. Ugol' Ukr. 6 no.1:45-46
Ja '62. (MIRA 15:2)
(Donets Basin--Mining engineering)

Country : USSR
Category: Human and Animal Physiology. Internal Secretion.
Thyroid Gland

T

Abs Jour: RZhBiol., No 19, 1958, 88968

Author : Sharanyuk T.P.

Inst : -

Title : Morphological Changes of the Thyroid Gland in White
Mice and Rats in the Area of Endemic Spread of Goiter.

Orig Pub: V.sb.: Tr. obl. konferentsii po endemichesk. zobu bolez-
nyam shchitovidn. zhelezy. Chelyabinsk, 1957, 31-39

Abstract: Mice and rats were maintained for a period of three
summer months on bread and tapwater of the city of
Zlatoust, containing almost no iodine. In part of
the animals the fur became thinner, fragile, and
dry. In the majority of the rats and in part of the

Card : 1/2

Country : USSR
Category: Human and Animal Physiology. Internal Secretion.
Thyroid Gland

T

Abs Jour: RZhBiol., No 19, 1958, 88968

nicc the structure of the thyroid gland (TG) re-
sembled the picture of parenchymatous goiter. In
the majority of the mice and in some rats hypofunction
of the TG developed (picture of colloid goiter). --
S. Ye. Levina

Card : 2/2

T-65

Handwritten: 3/10/77

708 MILKIN, a.I., professor, Vsesoyuzniy P.I., orotaki na MANINZUK, T.P.
adresant: SIDELMAN, a.I.

Сведения о деятельности группы в области физики (с. 10-3)
с. 10-10.

1. В ходе работы группы в области физики (с. 10-3)
группа сотрудничала с группой института (инж. проф. G.D.)
группы.

(PUSKOPOLSKIC, O. P. I. OVA. SUAB.
лет: 1977)