

L 25507-66

ACC NR: AP6011408

for less carefully purified barium. The barium was then burned off the substrate with a high current glow discharge, the xenon was frozen into a side tube with liquid nitrogen, a fresh layer of barium was deposited, the apparatus was warmed to room temperature, and the measurements were repeated. This time the postdischarge current after one minute was 3×10^{-18} A. It is concluded that postdischarge emission of barium is due to the presence of impurities, most likely of BaO, and it is suggested that postdischarge emission measurements could be used to verify the purity of barium films. Engineer N.Ye.Novikov participated in the work. Orig. art. has: 2 figures.

SUB CODE: // SUBM DATE: 23Aug65 ORIG. REF: 005 OTH REF: 004

H-23

YUGOSLAVIA / Chemical Technology, Chemical Products and Their
Application. Chemical Processing of Natural Gases
and Petroleum. Motor and Rocket Fuels. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16960

Author : Vranjican, D.; Prohaska, B.; Tartaro, Z.

Inst : Not given

Title : Hydrogenation of Aromatics Present in Petroleum Products.
Hydrogenation of High Boiling Petroleum Fractions for
the Performance of Structural-Group Analyses

Orig Pub : Nafta, (Jugosl.), 1958, 9, No 2, 33-38

Abstract : In analyzing mineral oils derived from Yugoslavian
crudes, the samples were hydrogenated (H) in an auto-
clave. The feasibility of employing molybdenum oxide
catalyst supported on activated charcoal for the initial
H and of Ni catalyst for hydrogenation of the higher boil-
ing fractions has been demonstrated. The latter catalyst

TATARSKAYA, R. F.

EXCERPTA MEDICA Sec.2 Vol.10/2 Physiology, etc Feb57

581. TATARSKAYA R.I., BUDILOVA E.V. and PAVLOV E.I. *Bach Biochem. Inst., Acad. of Sci., Moscow.* *Nature of the coenzyme of this-

USSR/Geophysics - Light Fluctuations 21 Jan 53
"Dependence of Mean Square Fluctuations and Amplitude on the Observation of Stars' Twinkling," V. A. Krasil'nikov and V. I. Tartarskiy, Sci-Res Inst of Phys, Moscow State U

DAN SSSR, Vol 88, No 3, pp 435-8

Show that the averaging action of the receiver apparatus can explain the fact that twinkling is more notable by the naked eye than in observations by large objectives, and similarly

249T38

the fact that a same phenomenon occurs in reception of cm waves by antennas of various aperture. Presented by Acad A. N. Kolmogorov 1 Dec 52.

PA 249T38

249T38

TARTASHOV, G.A.

Bee Culture--Equipment and Supplies

Convertible bee-veil. Pchelovodstve 29, no. 6, June 1952.

9. Monthly List of Russian Accessions, Library of Congress, AUGUST 1952 ~~1952~~, Uncl.

TARTASHOV, G.A.

Bee Culture--Equipment and Supplies

"Convertible bee-veil". Pchelovodstvo, 29, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, AUGUST 1952 ~~1952~~, Uncl.

L 34894-66 ENP(J) MM/JN/RM
ACC NR: AP6026619

SOURCE CODE: RU/0003/65/016/005/0290/0292

AUTHOR: Tataru, E.; Piringer, O.

42
B

ORG: none

TITLE: Automatic chromatograph for the analysis of deuterium and other gaseous mixtures

SOURCE: Revista de chimie, v. 16, no. 5, 1965, 290-292

TOPIC TAGS: chromatography, deuterium, hydrogen, thermal conduction, gas analysis, chemical laboratory apparatus

ABSTRACT: A description of an automatic gas chromatograph for the analysis of deuterium in hydrogen. The sample for testing is introduced through a pneumatically controlled microvalve system which allows the analysis of two different gaseous currents, and the relative deuterium content is determined by thermal conductivity measurements. Orig. art. has: 10 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 07, 20 / SUBM DATE: none / OTH REF: 010

Card 1/1 11/95

UDC: 545.844.084:546.11.02.04
0916 2.7.12

~~TARTENOVA, M.~~

A new species of the fungus *Laestadia abietella-sibirica* S.Schwarzman
et M.Tartenova sp. nova. Izv. AN Kazakh.SSR. Ser.biol. no.1:104-107
'57. (MLRA 10:8)

(EAST KAZAKHSTAN PROVINCE--FUNGI, PHYTOPATOGENIC)
(FIR--DISEASES AND PESTS)

TARTENOVA, N., Cand Biol Sci —(diss) "Fir disease caused by
Laestadia abietella —sibirica Schwarzman et Tartenova."
Alma-Ata, 1959. 22 pp (Kazakh State U in S.M. Kirov), 150 copies
(KL, 30-59, 119)

TARTENOVA. II

Disease of the Siberian fir produced by the fungus *Laestadia
abietella-sibirica* S.Schwarzman et M.Tartenova. Trudy Inst.
bot.AN Kazakh.SSR 6:195-242 '59. (MIRA 12:8)
(Altai Mountains--Fungi, Phytopathogenic)
(Fir--Diseases and pests)

TARTENOVA, M.

Spring mycoflora in the southern Kyzyl Kum. Trudy Inst. bot.
AN Kazakh. SSR 9:124-134 '61. (MIRA 14:3)
(Kyzyl Kum—Fungi)

TARTER, K.

TARTER, K. A survey of open-pit mining of iron ore in Yugoslavia; a coreport at the 4th conference of mining engineers and technicians of Slove nia in Ljubljana, April 1956. p. 369

No. 4, 1956
RUDARSKO-METALURSKI ZBORNIK
TECHNOLOGY
Ljubljana

So: East European Accession, Vol. 6, no. 3, March 1957

TARTER, K.

3d professional conference of mining engineers and technicians of Slovenia
in Ljubljana. p. 33. RUDARSKO-METALURSKI ZBORNIK. (Tehniska Visoka
sola v Ljubljana. Fakultet za rudarstvo in metalurgijo) Ljubljana.
No. 1, 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

TARTER, Karel, inž., asistent

The large mass transport in open pits. Tehnika Jug 17 no.10:
Suppl.: Rudarstvo metalurg 13 no.10:1889-1901 0 '62.

1. Rudarsko-metalurski fakultet Univerzитета u Ljubljani.

ARDELEAN, I., Prof.; GONTEA, I.; SUTESCU, P.; PERETEANU, J.; TARTER, R.

Alimentation and nutritional status of metallurgists working
in high temperatures. Rev. igiena microb. epidem., Bucur. no.3:
10-30 July-Sept 54.

(NUTRITION

alimention & nutritional status of metallurgists
working in high temperatures)

(TEMPERATURE, effects

high temperature, on nutritional requirements & state
of metallurgists working in indust. plants)

(WORK, effects

on nutritional requirements & state of metallurgists
working in high temperature)

KHMALADZE, I., TARTISHVILI, N., red.; BATIASHVILI, El., red. izd-va; TODUA, A.,
tekhred.

[Petrography of minor intrusions of the upper reaches of the
Kuban River (in the area of the "El'brus" mine)] Petrografiia
malykh intruzii verkhov'ev reki Kubani (v predelakh raiona
rudnika "El'brus"). Tbilisi, Izd-vo Akad.nauk Gruzinskoi SSR.
1958. 44 p. [In Georgian] (MIRA 12:6)
(Kuban Valley--Petrology)

KAPLAN, E.M.; TARTKOVSKIY, L.B.

Surgical treatment of osteoarticular tuberculosis as revealed by
data from the Tashkent Antituberculosis Dispensary No. 4. Med.
zhur. Uzb. no.12:17-21 D '60. (MIRA 14:1)
(BONES—TUBERCULOSIS)

SHCHUKAREV, S.A.; ORANSKAYA, M.A.; TARTNITSKAYA, T.S.

Thermal dissociation of manganese, iron, and cobalt iodides. Vest.
Len.un.11 no.22:104-110 '56. (MLRA 10:2)
(Iodides)

TARTSAY, Vilmos

Ions, our friends and enemies. Elet tud 16 no.9:263-265 26 P '61.

NASZALYI, Laszlo; TARTSAY, Vilmos

A new type power plant from fuel elements. Elst tud 16 no.38:
1195-1198 17 S '61.

TARFINSKAYA, B.

TARFINSKAYA, B.

More attention to communal controllers. Sov.profsoiuzy 3 no.8:
52-53 Ag'55. (MIRA 8:10)

1. Instruktor kul'turno-bytovogo otdela Ukrainskogo respublikan-
skogo komiteta profsoyusa rabochikh kommunal'nogo khozyaystva
(Trade unions)

TARTSKOVSKIY, G.P.

Nonstationary random processes in linear pulse systems with
variable parameters. Radiotekh. i elektron. 3 no.10:1287-
1297 0 '58. (MIRA 11:10)
(Pulse techniques (Electronics))

TARTSKOVSKIY, I.I.; EPSHTEYN, Yu.V.

Approximation by the arcs of circumferences to the profile of a cam
linked with a flat rocker. Trudy Inst.mash.Sem.po teor.mash. i mekh.
23 no.89/90:27-35 '62. (MIRA 15:6)
(Cams)

TARTSKOVSKIY, L.B.

Synthesis of a linear radiator and its analogy in the problem
of wide-band matching. Radiotekh. i elektron. 3 no.12:1463-1474
D '58. (MIRA 11:12)

(Radio--Antennas)

TARTSOVSKIY, V.D.

Fourth All-Union Conference on Acoustics. Usp. fiz. nauk 66
no.4:671-693 D '58. (HIRA 12:1)
(Sound--Congresses)

TARTYCHENKO, I.I.; ODINTSOV, B.G.

**Universal pattern for bending ship hull parts. Sudostroenie
28 no.1:68-69 Ja '62. (MIRA 16:7)**

**(Hulls(Naval architecture))
(Shipfitting)**

GRITSEVSKIY, M.A.; KONOVALOV, V.F.; TARTYGIN, N.A.

Daily rhythm of human skin temperature. Fiziol. zhur. 49
no.4:489-493 Ap '63. (MIRA 17:4)

1. Nauchno-issledovatel'skiy institut gigiyeny truda i professional'nykh bolezney, Gor'kiy.

00513R001755020013-7
S/169/62/000/001/024/083
D228/D302

AUTHOR: Tartynskiy, V. V.

TITLE: Calculating theoretical $\Delta \frac{V_2}{V_1}$ curves for the vertical
contact of two media

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1962, 33, ab-
stract 1A276 (Tr. Tsentr. n.-i. gornorazved. in-va,
no. 33, 1959, 102-114)

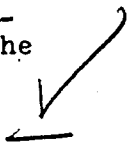
TEXT: While utilizing data on the field of a d.c. point source
for two media with different electrical resistances, the author
derived formulas and constructed theoretical curves intended for
use during electrical surveying with the application of the "ИЖ"
("IZh") prospecting outfit: Methods of asymmetrical profiling by
the adjustments of $AMONB \rightarrow \infty$ or $A \rightarrow \infty$, $MONB$, and the mean gra-
dient by the adjustment of $AMONB$ in the case of fixed feeder elec-
trodes. On the graphs of asymmetrical profiling the contact is
noted at the maximum or minimum of the curve, depending on the po-

Card 1/2

S/169/62/000/001/024/083
D228/D302

Calculating theoretical ...

sition of the feeder electrode in relation to the direction of decreasing environmental resistance. The extremity coincides with the position of the contact, and the width of the anomalous region equals the radius of the MON reception adjustment. If the feeder electrode is situated in a medium with a high resistance, a more intensive anomaly is obtained. The anomaly's intensity increases with the removal of the feeder electrode, with the decrease of the reception lines, and with the increase of the environmental resistance correlation. The anomalies on the graphs of the middle gradients differ from those considered above in their asymmetry and width which is double the magnitude of the scatter of the MON reception adjustment. The intensity of the mid-gradient anomaly increases if the contact is located near to the feeder electrode.



[Abstractor's note: Complete translation.]

GABDASH, M.Ya.; TUMANOVSKIY, I.M.

Biochemical and electrokymographic examinations of dogs in
experimental myocardial infarction and after its excision.
Pat. fiziol. i eksp. terap. 8 no.6:35-39 II-D '64.

(MIRA 18:6)

1. Kafedra gosital'noy terapii (zav. - prof. M.N. Tumanovskiy)
Voronezhskogo meditsinskogo instituta.

TYURYAKOV, A.P.; KUKHRANOVA, G.M.; TARUBAROV, I.G.; ZABLYSHINSKIY, I.M.;
DERGUNOVA, A.A.; KLEYNERMAN, D.A.

Results of administrative and economic activity in nonferrous metal
industries in 1957; from annual reports. Biul. TSIIN tsvet. met.
no. 7:30-36 '58. (MIRA 11:7)
(Nonferrous metal industries)

KOZLOV, V.A.; KHODOV, L.V.; LOGUNOVA, M.M.; TARUBAROV, I.G.

**Technical and economic results enterprises of nonferrous metallurgy
in 1957. Biul. TSIIN tsvet. met. no.8:34-38 '58. (MIRA 11:6)
(Nonferrous metal industries)**

MALINKINA, Ye.I.; TARUBAROVA, Ye.V.

Effect of residual austenite on the formation of cracks.
Metalloved. i term. obr. met. no.5:17-20 My '64.

(MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy
institut.

RUTSKIY, I.; RYBALKO, I., преподаvatel' obshchestvovedeniya; TARUD'KO, V.

Readers continue their discussion. Prof. tekhn. obr. 21 no.1:24-25
Ja '64. (MIRA 17:3)

1. Sekretar' partiynoy organizatsii tekhnicheskogo uchilishcha No. 2, Vladivostok (for Rutskiy). 2. Direktor Mozhayskogo gorodskogo professional'no-tekhnicheskogo uchilishcha No.25, Moskovskaya obl. (for Tarud'ko).

ATANASOV, At.; MARINOV, V.; TARJLOV, St.

Dynamic studies on blood coagulation in surgically treated aged subjects. *Khirurgia* 17 no.2:193-194 '64.

1. Iz Katedrata po propedeutika na khirurgichnite bolesti pri VMI [Vish meditsinski Institut] "I.P. Pavlov", Plovdiv.

TARUCHOV, A. N.

Electric power stations and substations; electricians Moskva, Izd-vo Ministerstva
kommunal'nogo khoziaistva RSFSR, 1947. 81 p. (48-26055)

TK151.T37

TARUMOV, A.N., inzh.; FRIDMAN, S.A., inzh.

Experience in studying electrical loads. Prom.energ. 18 no.4:
28-31 Ap '63. (MIRA 16:4)

(Electric power distribution)

TARUMOV, A.N., inzh.; SPEVAKOV, P.I., inzh.

Duration and switching current of the protective apparatus of 38/220
volt power distribution networks with dead-shortened neutral line.
Prom. energ. 18 no.11:44-51. N '63. (MIRA 16:12)

1. Gosudarstvennyy proyektnyy institut po proyektirovaniyu pred-
priyatiy elektropromyshlennosti (for Tarumov). 2. UGPI "Tyazh-
promoelektroproyekt" (for Spevakov).

TARUMOV, A.N.

Electrical equipment of oil field systems. Prom. energ. 19
no.5:50-51 My '64. (MIRA 17:6)

TARUMOV, A.N.

Problems of design, installation and operation of the electrical systems of chemical enterprises. Prom. energ. 19 no.11:49-50 1 '64.
(MIR 18:1)

Calculation of single-phase short-circuit currents in networks with grounded neutral lines and potentials up to 1,000 volts. Ibid.:60-61

TARUMOV 1-2

USSR/Nuclear Physics - Fission

Card 1/2

Pub. 146 - 7/44

Author

: Gol'danskiy, V. I.; Pen'kina, V. S.; Tarumov, E. Z.

Title

: Fission of heavy nuclei by high-energy neutrons

Periodical

: Zhur. eksp. i teor. fiz., 29, No 6(12), Dec 1955, 778-789

Abstract

: Exposition of the results of an investigation of the fission of various heavy nuclei in the region of atomic numbers $Z = 74-92$ by neutrons with nominal energies 120 and 380 Mev. The experimental portion was carried out in the course of 1950-1951. The authors evaluate the thresholds of fission which is connected with the preliminary emission by the fissioning nuclei of neutrons. This evaluation is based upon a comparison of the binding energy and the critical energy of fission. They also evaluate the average number of neutrons which are emitted during fission of heavy nuclei. The mentioned experiments were conducted on the synchrocyclotron of the Institute of Nuclear Problems, Academy of Sciences USSR, in the case of U-235 and U-238 and others (Bi, Th, Pb, Tl, Au, Pt, W). Twenty-

Card 2/2

FD-3248

seven references: e.g. K. O. Oganesyan, Otchet In-ta yadernykh problem AN SSSR [Reports of the Institute of Nuclear Problems, Acad. Sci. USSR], 1953; V. P. Dzhelepov, B. M. Golvin, Yu. M. Kazarinov, Otchet In-ta yad. probl. AN SSSR, 1950; etc.

Institution : Institute of Chemical Physics, Academy of Sciences USSR

Submitted : July 11, 1955

USSR/

Card 1.1 No. 12 - 13/47

Authors : Goldanskiy, V. I.; Tarumov, E. Z.; and Pen'kina, V. S.

Title : Fission of heavy nuclei with high energy neutrons

Periodical : Dok. AN SSSR 101/6, 1027 - 1030, Apr. 21, 1955

Abstract : Experiments conducted with the synchrotrone of the Acad. of Sci., USSR, Institute of Nuclear Problems are described. The experiments were conducted with the aim of determining the dependence of the fission cross-section on the energy of the incident neutrons. The results of the experiments are presented. The energy of the incident neutrons was varied from 0.1 to 1.0 MeV. The fission cross-section was found to increase with increasing energy of the incident neutrons. The results of the experiments are compared with the results of other authors.

Institution : Acad. of Sci., USSR, Institute of Physical Chemistry

Presented by : Academician A. I. Alikhanov, January 31, 1955

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001755020013-7

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020013-7

GOL'DANSKIY, V.I.; KOVAL'SKIY, A.A.; PEN'KINA, V.S.; TARUMOV, E.Z.

Inelastic nuclear cross sections for 120 and 380 Mev neutrons.
Dokl.AN SSSR no.2:219-222 Ja '56. (MLRA 9:5)

1. Institut khimicheskoy fiziki Akademii nauk SSSR. Predstavleno
akademikom I.Ye. Tammom.
(Collisions (Nuclear physics)) (Neutrons)

September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001755020013-7
CIA-RDP86-00513R001755020013-7"

13

USSR/ Physics

Card 1/1 Pub. 22 - 12/54

Authors : Khlidarskiy, V. I.; Koval'skiy, A. A.; Pen'kina, V. S.; and Tammov, E. S.

Title : Inelastic nuclear cross-sections for 170 and 380 Kev neutrons

Periodical : Dok. AN SSSR 106/2, 219-222, Jan 11, 1956

Abstract : Experiments are described which were conducted to justify the application of the semi-empirical formula for the determination of inelastic cross-sections of neutrons. The results are compared with the data of the International Atomic Energy Agency (IAEA) (1949-1954). Tables, graphs.

Institution : Acad. of Scs., USSR, Institute of Chemical Physics

Presented by: Academician I. Ye. Tamm, July 13, 1955

E. Z. TARUMOV, I. I. LEVINTOV, A. V. MILLER and V. N. SHAMSHEV

"Dependence of (D + D) Neutron Polarization on Deuteron Energy"
Nuclear Physics (Amsterdam), 3, No. 2, p. 237, 1957

Inst. Chemical Physics, AS USSR

English translation

TARUMOV, E. Z.

AUTHOR
TITLE

LEVINTOV I.I., MILLER A.V., TARUMOV E.Z., SHAMSHEV V.N., PA .. 2693
The Dependence of the Polarization of (D+D)-Neutrons on the Energy of
Deuterons.

PERIODICAL

(Zavisimost' polarizatsii (D+D)-neytronov ot energii deytonov -Russian)
Zhurnal Eksperim. i Teoret.Fiziki, 1957, Vol 32, Nr 2, pp 375-376 (USSR)
Reviewed 6/1957
Received 5/1957

ABSTRACT

A method described by I.I.Levintov et al., Zhurneksp. i teor. fis, Vol 32
Nr 2, 274 (1957) facilitates the measuring of the polarization of (D+D)
neutrons in dependence on deutron energy. The authors had at their dis-
posal the acceleration tube of the Institute for Chemical Physics of the
Academy of Science of the USSR., which furnishes deuterons with a maxi-
mum energy of 1800 keV. Polarization was measured on a thin and on a thick
zirconium target. The situation of the rotation center of the counters
and the values of the apertures of the 5 channels of the discriminator a-
re given. The values of asymmetry measured by means of the thick target
are shown together in a table. The maximum polarization of (D+D) neutrons
computed from these data is demonstrated in a diagram. The results thus
found are to be regarded as "yield" of the polarization. This "yield" of
the polarization of (D+D)-neutrons (at an angle of $\Theta_n = 49^\circ$ in the labora-
tory system) at first (about from $E_d=0$ to 0,9 MeV) increases considerab-
ly and later only slightly. For the second series of measurements a thin
zirconium target (150 keV) was used. In the case of a long duration of
bombarding of the target with D-ions a renewed distribution of the deu-
terium layer takes place and the thickness of the target changes. There-

The Dependence of the Polarization of (D+D)-Neutrons on the Energy of Deuterons. PA - 2693

fore, the thin targets were exchanged after operation of from 20 to 30 hours. A further table contains the here measured values of asymmetry and a diagram illustrates the herefrom computed values of P_{max} for (D+D)-neutron. The results found here, in spite of a very different method of measurements, agree with the results obtained by R.W. MEIER et al., Helv.Phys. Acta, 27, 577 (1954). Polarization of the (D+D)-neutrons up to $E_D=1,8$ MeV therefore depends monotonously on the deuteron energy.
(2 ill. and 2 tables)

ASSOCIATION Institute for Chemical Physics of the Academy of Science of the USSR
PRESENTED BY
SUBMITTED 1.10.1956
AVAILABLE Library of Congress
Card 2/2

Thursday, September 26, 2003

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14

CA

Investigation of the softening of water by Crimean volcanic rock. S. Tatumov. *Voenno-razn. Delo* 1937, No. 3, 52; *Dept. Sci. Ind. Research (Brit.), Water Pollution Research, Summary Current Lit.* 12, 337. — A filter for softening water, constg. a medium made up of Crimean volcanic rock, is described. The rock has a marked softening action on water; its base-exchange properties can be re-generated by treatment with a soln. of NaCl. The treated water had, at first, an unpleasant taste, which was removed by passing the water through a small carbon filter.

H. G.

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

L 01806-67 EWT(m)/T DJ

ACC NR: AP6030589 (AN) SOURCE CODE: UR/0413/66/000/016/0073/0073

44

INVENTOR: Ismailov, R. G. A. O.; Mamedov, M. A. A. O.; Spektor, Sh. Sh.; Seidov, M. M. M. O.; Vartapetov, A. A.; Shchelkonogov, I. A.; Kyazimov, A. A. O.; Aliyev, A. A. G. O.; Tangiyeva, T. A.; Kesel'man, L. G.; Lobanov, V. V.; Chikunov, V. A.; Blidchenko, I. F.; Tarumov, G. A.; Bombandirov, P. P.; Merkur'yev, G. D.; Petrov, S. A.

ORG: none

TITLE: Lubricating oil for bushings Class 23, No. 184997

SOURCE: Izob reteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 73

TOPIC TAGS: lubricant, bushing, petroleum

ABSTRACT: An Author Certificate has been issued describing a lubricant for bushings, with a solar fraction and mazut base. To expand the operating temperature range of the oil, a petroleum fraction with a boil-away of 4-5% at 240-320C is added to the lubricant. This fraction is obtained from the petroleum distillate at 300-310C. [Translation] [NT]

SUB CODE: 11/ SUBM DATE: 05Nov64/
Card 1/1 UDC: 629.11.012.26

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001755020013-7
CIA-RDP86-00513R001755020013-7"

TARUMYAN
TARUMYAN, S.S., inzh. po tekhnike bezopasnosti.

Make a collective effort to control industrial accidents.

Neftianik 2 no.8:32 Ag '57.

(MIRA 10:10)

(Petroleum industry—Safety measures)

TARAN, A.

POLAND/Electronics - Photocells and Semiconductor Devices

H-8

Abs Jour : Ref Zhur - Fizika, No 4, 1958, No 8777

Author : Feltynowski, A., Glass, I., Piwkowski, T., Tarun, A.
Inst : Institute of Physics, Polish Academy of Sciences, Warsaw,
Poland

Title : Microstructure of Photoconductive Lead Sulfide Layers

Orig Pub : Acta phys. polon., 1956, 15, No 5, 275-282

Abstract : The microstructure of PbS layers was investigated by the methods of electron diffraction and electron microscopy. The PbS layers were obtained by evaporation in vacuum, and the compounds for the investigations were obtained by the method of formvar pseudo replicas, and also by direct spattering on formvar, collodion, or aluminum films. The PbS layers consisted of crystals measuring 200 to 300 A. The type of substrate did not seem to affect the size and shape of the crystals. The diffraction patterns from directly spattered layers correspond to face-centered lattice of the NaCl type. The diffraction patterns of the pseudo replicas

Card : 1/2

BORISOV, Ye.F., dots.; BREGEL', E.Ya., prof.; BUKH, Ye.M., dots.;
VASHENTSEVA, V.M., dots.; GOLEVA, Yu.P., kand. ekon. nauk;
GOLEVA, A.P., kand. ekon. nauk; DEMOCHKIN, G.V., dots.;
DONABEDOV, G.T., kand. ekon. nauk; YERMOLOVICH, I.I., dcts.;
KALYUZHNYI, V.M., dots.; KORNEYEVA, K.G., dots.; KUZNETSOVA,
A.S., prof.; MIROSHNICHENKO, V.S., dots.; MYASNIKOV, I.Ya.,
kand. ekon. nauk; PIKIN, A.S., dots.; SIDOROV, V.A.; SMIRNOV,
A.D., dots.; SOLOV'YEVA, K.F., dots.; SOROKINA, I.F., dots.;
TARUNIN, A.F., kand. ekon. nauk; KHARAKHASH'YAN, G.M., prof.;
MENDEL'SON, A.S., red.; SHVEYTSEV, Ye.K., red.; ROTOVA, R.S.,
red.; GARINA, T.D., tekhn. red.

[Economics of socialism] Politicheskaya ekonomiya sotsializ-
ma. Moskva, Gos.izd-vo "Vysshaya shkola," 1963. 476 p.
(MIRA 17:2)

TARUNIN, G.V., inzh.; SHARALIN, N.N., dots.; DOBROSEL'SKIY, K.M.

Improving the station technology under present-day conditions.
Vest. TSNII MPS 18 no.5:54-58 Ag '59. (MIRA 13:1)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta im.
I.V. Stalina, stantsiya Chelyabinsk Yuzhno-Ural'skoy zheleznoy dorogi.
(Chelyabinsk--Railroads--Stations)

TARUNIN, G.V.

Track power tools get their current supply from permanent electric lines. Put' i put. khoz. 7 no.5:10-11 '63. (MIRA 16:7)

1. Nachal'nik otdeleniya dorogi, Chelyabinsk, Yuzhno-Ural'skoy dorogi.

(Railroads—Electric equipment)

**LEBEDYANSKIY, A.A.; TARUNIN, V.F.; FROLKIN, F.F.; BARYSHEV, Yu.D.;
GUR'YEV, O.V.**

New method of heating piston rings before high-frequency hardening;
submitted by A.A. Lebedianskii and others. Prom. energ. 13 no.5:17
My '58. (MIRA 11:8)
(Electric heating) (Piston rings)

ACC NR: AP7001575

(A)

SOURCE CODE: UR/0421/66/000/006/0093/0099

AUTHORS: Gershuni, G. Z. (Perm'); Zhukhovitskiy, Ye. M. (Perm'); Tarunin, Ye. L. (Perm')

ORG: none

TITLE: Numerical study of the convection of a liquid heated from below

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 6, 1966, 93-99

TOPIC TAGS: digital computer, heat convection, Nusselt number, Reynolds number, Prandtl number, boundary value problem, mathematic determinant/ Aragats digital computer

ABSTRACT: This paper presents a numerical study of the plane convective motion of a liquid in a closed square cavity (see Fig. 1).

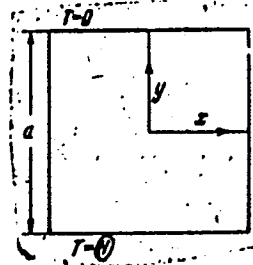


Fig. 1.

ACC NR: AP7001575

The convection equations for the flow function ψ and temperature T in dimensionless form are:

$$\frac{\partial}{\partial t} \Delta \psi + \left(\frac{\partial \psi}{\partial y} \frac{\partial \Delta \psi}{\partial x} - \frac{\partial \psi}{\partial x} \frac{\partial \Delta \psi}{\partial y} \right) = \Delta \Delta \psi - G \frac{\partial T}{\partial x} \left(G = \frac{\beta \theta a^3}{\nu^2} \right)$$

$$\frac{\partial T}{\partial t} + \left(\frac{\partial \psi}{\partial y} \frac{\partial T}{\partial x} - \frac{\partial \psi}{\partial x} \frac{\partial T}{\partial y} \right) = \frac{1}{P} \Delta T \quad \left(P = \frac{\nu}{\kappa} \right),$$

where G and P are the Grashof and Prandtl numbers. The units of distance, time, the flow function, and temperature are a , a^2/ν , ν , and θ , respectively. The method of nets is used to solve the initial system of equations, and the critical motions corresponding to the first four levels of the spectrum are shown (see Fig. 2).

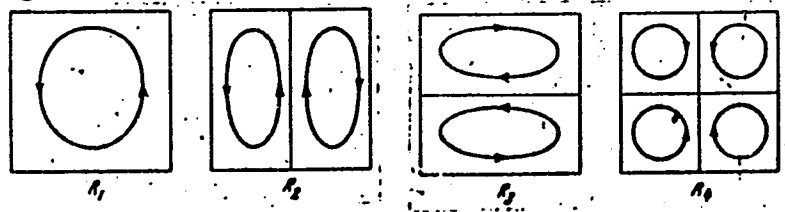


Fig. 2.

The lower critical value of the Reynolds number R_1 is the boundary of equilibrium stability. It was found that at values of G below a certain critical value G_1 all initial perturbations are attenuated and equilibrium is the limiting stationary regime. Stationary oscillations exist only in the range of Grashof numbers of

ACC NR: AP7001575

5090 < G < 62 000. Calculations with a 25 x 25 net showed that the frequency and form of these oscillations are determined only by the parameter G. Metastable motions are discussed briefly. Orig. art. has: 13 formulas, 6 diagrams, and 4 graphs.

SUB CODE: 20/09/ SUBM DATE: 18Jun66/ ORIG REF: 006/ OTH REF: 007

ACC NR: AP6034539

SOURCE CODE: UR/0421/66/000/005/0056/0062

AUTHOR: Gershuni, G. Z. (Perm'); Zhukhovitskiy, Ye. M. (Perm'); Tarunin, Ye. L. (Perm')

ORG: None

TITLE: Numerical investigation of convective motion in a closed cavity

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 5, 1966, 56-62

TOPIC TAGS: thermal convection, incompressible fluid, motion mechanics, Prandtl number, Nusselt number

ABSTRACT: The method of finite differences is used for solving the complete nonlinear problem of two-dimensional convective motion of a viscous incompressible fluid in a long horizontal cavity of square cross section. The temperature of the fluid at one vertical boundary is taken as the reference value and that on the opposite vertical boundary is assumed as constant, while the temperature along the horizontal boundaries varies linearly. Stationary numerical results are found for the distribution of velocity and temperature when the Prandtl number is held constant at unity while the Grashof number varies from 0 to $4 \cdot 10^5$. These data may be used for studying the formation of a closed boundary layer and a very slowly moving nucleus with a constant vertical temperature gradient. The heat flux through the cavity is found as a function of the Grashof number. Numerical calculations give nonstationary solutions when

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ACC NR: AP6034539

$Gr > 4 \cdot 10^5$: following a transition stage, stationary oscillations are set up for which the stream function and the temperature as well as all parameters of the solution—temperature gradient in the nucleus, Nusselt number, etc.—fluctuate around certain average values, the frequency of these fluctuations increasing with Gr . These oscillations may possibly be due to the development of small-scale motions, although it is also possible that they have a physical basis in the formation of traveling waves in the boundary layer which have been experimentally observed. Orig. art. has: 8 figures, 11 formulas.

SUB CODE: 20/ SUBM DATE: 04Apr66/ ORIG REF: 010/ OTH REF: 009

KUZNETSOV, G.K.; TARUNIN, Yu.N.; FEDOROV, B.P.

Power testing of the TG-135-L tow shaker. Izv. vys. ucheb.
zav.; tekhn. tekst. prom. no.6:18-21 '64. (MIRA 18:3)

1. Kostromskoy tekhnologicheskoy institut.

TARUNIN, Yu.N.

Studying the movement of materials in a type TG-135-L tow shaker.
Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.2:43-48 '65.

(MIRA 18:5)

1. Kostromskoy tekhnologicheskoy institut.

TARUNIN, Yu. N.

Studying the process of tow preparation. Izv. vys. ucheb. zav.;
tekh. tekst. prom. no.3:54-59 '59. (MIRA 12:11)

1. Kostromskoy tekstil'nyy institut.
(Flax processing machinery)

MALOVICHKO, A.K., prof.; TARUNINA, O.L.

**Interpretation of gravity and magnetic anomalies using the
trial-and-error method. Uch. zap. Perm. gos. un. no.122:
40-48 '64. (MIRA 19:1)**

TARUNINA, O.L.

Determining the position of the center and amplitude of local
fields. Geofiz. razved. no.16:91-97 '64.

(MIRA 18:2)

MALOVICHKO, A.K.; TARUNINA, O.L.

Method of detecting anomalous fields commensurable with observational
errors. Geofiz.razved. no.4:44-48 '61. (MIRA 14:7)
(Gravity prospecting)

DULESOV, G.K.; DUBOVIKOV, M.P.; TARUNTAYEV, A.M.; FLEYSHER, M.M.

Modernizing lathes for the purpose of their specialization. Sbor.st.
UZTM no.8:108-114 '58. (MIRA 11:12)
(Lathes)

1. TARUNTAYEV, P. Ye.

2. USSR (600)

4. Steam Boilers

7. Experience in organizing a Stakhanov brigade. Rab. energ., 2, No. 2, 1952

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

INOZEMTSEV, M. I. ; TARUNTAYEV, V. Ye.

Founding

New method of preparing molds for thin-walled, deep-shelled casting. Lit. proiz., no. 5
1952.

Monthly List of Russian Accessions, Library of Congress, November 1952 Unclassified.

TARUFTAYEV, V.

Foundry cores with oilless binders. Stroi. mat., izdel. i konstr.
1 no.8:30-31 Ag'55. (MLRA 8:11)

1. Glavnyy inzhener Igubokhonskogo chugunoliteynogo zavoda
(Founding)

TARUNTAYEV, V.Ye., inzhener.

**Charging the metal into molds on a suspended conveyer. Lit.proizv.
no.7:32 J1 '56. (MLRA 9:9)
(Liubokhna--Founding)**

TARUNTAYEV, V.Ye., inzhener.

Pneumatic transportation of used core sand. Lit. proizv. (MLRA 9:10)
no.8:15 Ag '56.

(Lyubokhna--Coremaking) (Pneumatic-tube transportation)

APPROVED FOR RELEASE Thursday, September 26, 2002 CIA-RDP86-00513R001755020013-7
FOR RELEASE Thursday, September 26, 2002 CIA-RDP86-00513R001755020013-7

TARUNTAYEV, V., inshener.

Pneumatic unit for transportation of burnt core rods.
Stroi. mat., izdel. i konstr. 2 no.7:23-24 J1 '56.

(MLRA 9:10)

(Cast iron)

USSR/Soil Science - Soil Genesis and Geography.

J

Abs Jour : Ref Zhur Biol., No 19, 1958, 86710

Author : Taruntayeva, A.A.

Inst : Moscow Agric. Acad. im. K.A. Timiryazev

Title : Development of the Soil-Formation Process in Genetic
Horizons of Turf-Podzolic Soil, Transferred to the Surface

Orig Pub : Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazeva, 1957, vyp.
31, 191-195

Abstract : Certain indicators of the development of the soil-formation process (volumetric and specific weight, porosity, moisture capacity, firmness of structure) are cited. Observations were made in the course of 17 years on land plots both with fertilizer and without in the "Dibrovitsa" Sovkhoz of Moskowshaya Oblast.

Card 1/1

TARUN'YAN S

TARUN'YAN, S.

Auditing is an important means of improving the work of financial
organs and industrial organizations. Fin. SSSR 16 no.7:32-40 J1'55
(Auditing) (MLRA 8:10)

TARUN'YAN, S.

Strict financial control over the work of trade organizations is
needed. Fin. SSSR 22 no.11:16-22 N '61. (MIRA 14:11)
(Russia--Commerce)

September 26, 2002

CIA-RDP86-00513R001755020013-7

TARUN'YAN, S.

Let's intensify the struggle for the safety of socialist property.
Sov. torg. 35 no.5:22-24 My '62. (MIRA 15:5)

1. Nachal'nik otдела Ministerstva finansov RSFSR.
(Retail trade--Auditing and inspection)

KUDRYAVTSEVA, T.L.; LEVIN, E.I.; TARURA, V.I., agronom-entomolog;
MIROSHNIKOV, G.A.

Readers' letters. Zashch. rast. ot vred. i bol. 4 no.2:59
Mr-Ap '59. (MIRA 16:5)

1. Starshiy agronom kolkhoza imeni Lenina, Semilukskogo rayona,
Voronezhskoy oblasti (for Miroshnikov).
(Plants, Protection of)

TARUS, V.; SZABADOS, C.

Reducing the operating costs in automotive transportation by modernizing the methods of maintenance. I. p. 425.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutier, Navale si Aeriene)
Bucuresti, Romania. Vol. 6, no. 10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Jan 1960
Uncl.

TARUS, V.; SZABADOS, C.

Reducing operation costs in automotive transportation by modernizing the methods of maintenance. II. p. 467.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romina si Ministerul Transporturilor Rutier , Navale si Aeriene) Bucuresti, Rumania. Vol. 6, no. 11, Nov. 1959.

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

IVANOV, V.I.; POZE, B.B.; RUCHKIN, B.F.; TARUSHKA, I.Yu. (Prokop'yevsk)

Plastic surgery on traumatic defects of the skull using
styrene-acryl. Vop. neirokhir. 26 no.6:53 N-D'62 (MIRA 17:3)

Tarushkin, O. V.

"Electrophysiological Investigation of the Mechanisms of Immobilized Muscular Hypertonia and Contractions." Leningrad Order of Lenin State University A. A. Zhdanov. Leningrad, 1955. (Dissertation for the Degree of Candidate in Biological Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

KUSLIK, M.I., zasluzhenny deyatel' nauki, prof.; TAFUSHKIN, O.V., starshiy nauchnyy sotrudnik

Electrostimulation of the muscles in spastic paralysis. Ortop. travm.i protez. 21 no.4:34-37 Ap '60. (MIRA 13:9)

1. Iz ortopedicheskogo otdeleniya i fiziologicheskoy laboratorii Leningradskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (dir. - prof. V.S. Balakina) i kafedry ortopedii gosudarstvennogo instituta dlya usovershenstvovaniya vrachey (dir. - dotsent A.Ye. Kiselev).

(PARALYSIS, SPASTIC)

(ELECTROTHERAPY)

BARANTSEVICH, Ye.V.; TARUSHKIN, O.V.

Comparative evaluation of the results of treating muscles on the lower extremities weakened following trauma by labile and stable impulse galvanization of varying frequency. Trudy Len.gos.nauch.-issl.inst.travm.i ortov. no.8:123-129 '61. (MIRA 15:9)
(ELECTROTHERAPEUTICS) (MUSCLES--WOUNDS AND INJURIES)

TABUSHKIN, P., inzh.; SHUMITSKIY, O., inzh.

Air-preheater shells made of rolled materials. Stroi.i arkhit.
8 no.6:4-5 Je '60. (MIRA 13:6)
(Air preheaters)

BOGDANOV, N.I., inzh.; TARUSHKIN, P.A., inzh.

A crane with a platform for assembling the steel plates lining reinforced concrete silos. Mont. 1 spets. rab. v stroi. 23 no.12:22-23 D '61. (MIRA 15:2)

1. Dnepropetrovskiy inzhenerno-stroitel'nyy institut, trest Dneprostal'konstruktsiya.

(Cranes, derricks, etc.)
(Machinery—Erecting work)

BOGDANOV, N.I., inzh.; RABINOVICH, S.Yu., inzh.; SMYKURZHEVSKIY, B.O., inzh.
TARUSHKIN, P.A., inzh.

Assembling elements of the complex of buildings of Southern
Stone Concentration Combine No. 2. Prom. stroi. 39 no.11:25-
29 '61. (MIRA 14:12)

(Stone industry)

(Krivoy rog—Construction industry)

TARUSHKIN, P.; BABICH, V., inzh.

A critical evaluation of assembly units and joints in multistory industrial buildings. Prom.stroi. i inzh. soor. 4 no.4:19-21
Jl-Ag '62. (MIRA 15:9)

1. Glavnyy tekhnolog tresta "Dneprostal'konstruktsiya" (for Tarushkin).
(Industrial buildings) (Precast concrete construction)

RABINOVICH, S.Yu., inzh.; TARUSHKIN, P.A., inzh.

Overall mechanization of the assembly of the precast elements
of an open-hearth plant. Mekh. stroi. 19 no.10:5-8 0 '62.
(MIRA 15:12)

(Iron and steel plants)

TARUSHKIN, P.; BABICH, V., inzh.

Introduction of new equipment into construction and assembly work.
Prom. stroi. i inzh. soor. 5 no.3:10-13 My-Je '63.

(MIRA 16:7)

1. Glavnyy tekhnolog tresta "Dneprostal'konstruktsiya" (for
Tarushkin).

(Building—Technological innovations)

RABINOVICH, S., inzh.; TARUSHKIN, P., inzh.

Erection^{ng} steel structures of a conveyor bridge. From. stroi.
1 inzh. soor. 5 no.5:29-35 S-0 '63. (MIRA 16:12)

RABINOVICH, S.Yu., inzh.; TARUSHKIN, P.A., inzh.

Erection of the steel sections of a transporter bridge. Shakht.
stroi. 7 no.10:16-20 0 '63. (MIRA 16:10)

1. Trest Dneprostal'konstruktsiya.

TARUSHKIN, P.A.; BABICH, V.V.

Assembling the structural elements in a plant for ball
bearing pipes. Prom. stroi. 41 no.4:22-25 Ap '64.

(MIRA 17:9)

1. Trest Dneprostal'konstruktsiya.

L 1151-66 EWT(d)/EWP(1) IJP(c) BC
ACCESSION NR: AP5019937

UR/0043/65/000/003/0149/0154

AUTHOR: Tarushkin, V. T.⁵

TITLE: On the method of successive optimization

27
B

SOURCE: Leningrad Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii,
no. 3, 1965, 149-154

TOPIC TAGS: automatic control theory, successive approximation method, optimal
control orbit trajectory ⁹⁵⁵

ABSTRACT: If $x(t)$ and $u(t)$ are column vectors of dimensions n and r and $f(x, t)$ is a continuously differentiable column vector of dimension n , let $x(t)$ satisfy the system $\dot{x} = f(x, t) + Bu$, where $B(t)$ is an $n \times r$ matrix; $u(t)$ is a piecewise-continuous function. The minimized functional is the time of transition from point $x(t_0) = a$ to the point $x(T) = b$ with $|u_i| < 1$. The optimization algorithm construction for this problem is based on L. S. Pontryagin's maximum principle and a search procedure for initial values of Lagrange multipliers. The control is optimal in the sense of the principle of the maximum if a control structure is uniquely defined for Pontryagin's H function and if at each step of the process the trajectory satis-

L 1451-66

ACCESSION NR: AP5019937

files the solvability condition in the best possible way. If such a control exists uniquely, the proposed algorithm will find it. The method is illustrated in the case of an optimal time problem connected with the variation in circular orbits of two bodies.

ASSOCIATION: none

SUBMITTED: 25Jun64

ENCL: 00

SUB CODE: MA, GP

NO REF SOV: 005

OTHER: 000

Card 2/2

TARUSHKIN, V.S.

Method of successive optimization. Vest. LGU 20 no.13:149-154 '65.
(MIRA 18:7)

TARUSHKINA

TARUSHKINA, G.A., inzh.

Improve publications on safety techniques. Tekst.prom. 17
no.10:69-70 0 '57. (MIRA 10:12)
(Textile industry--Safety measures)